PROJECT	r	
050045	2	
CONTRAC	:T	DESIGNATION
IR-3374	1	0500450
	KIN DES.	NUMBERS
Designation No.		Description

	KIN DES. NUMBERS
Designation No.	Description
1172086	Harmony Rd over I-69
1172089	I-69 Over Tributary of Clear Creek
1172090	i-69 NB over Rockport Road
1172091	I-69 SB over Rockport Road
1172092	I-69 NB over Lodge Road
1172093	I-69 SB over Lodge Road
1172094	I-69 NB over Branch of Clear Creek
1172095	I-69 SB over Branch of Clear Creek
1172097	I-69 NB over Tramway Rd
1172098	I-69 SB over Tromway Rd
1172099	Sign Plans

	ADJACENT PROJECTS
Designation No.	Description
1006076	From County Line to Harmony Rd
1006075	From Branch of Clear Creek to SR 37

IND I ANA DEPARTMENT OF TRANSPORTATION

ROAD PLANS

Route: I-69 From RP 108+95 To RP 112+91

Beginning west of Harmony Road, then traveling north and east at a distance of 20,897 feet to a point 3,363 feet north and east of Tramway Road located in Sections 13 & 24, T-7-N, R-3-W, Indian Creek Township, and Sections 4, 5, 6, 7, & 18, T-7-N, R-2-W, Perry & Van Buren Township, Monroe County, Indiana

I-69 NB over Branch of Clear Creek Des. No. 1172094

I-69 SB over Branch of Clear Creek Des. No. 1172095

End Construction

Sta. 57+14.99

Line "PRS-23"

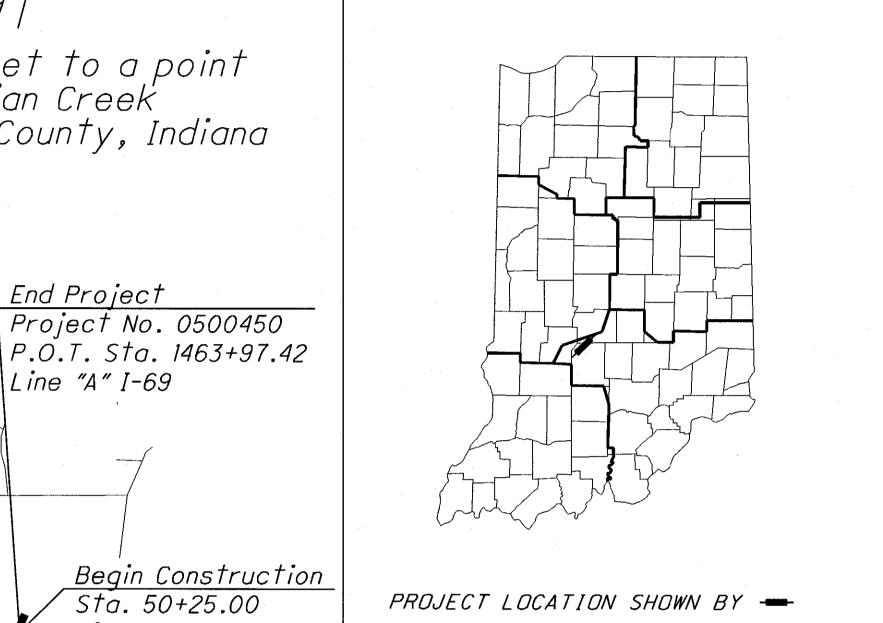


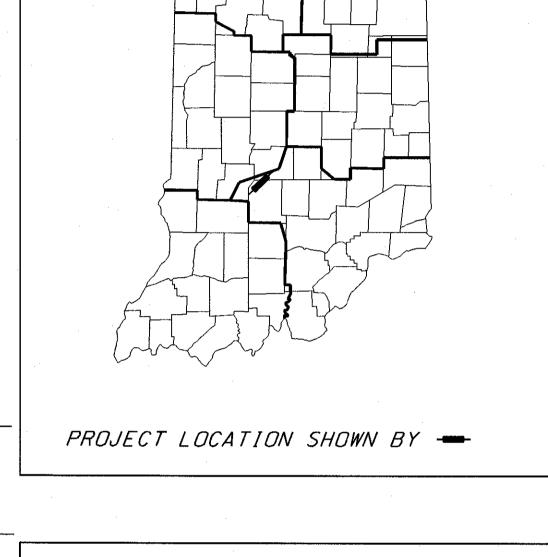
End Project

Line "A" I-69

Project No. 0500450







Begin Construction Sta. 50+25.00 Line "PRS-24" -End Construction - Sta. 56+16.02 Line "PRS-24" Roadway Length (I-69): Total Length (I-69): Max. Grade : (I-69) Project Latitude: Project Longitude: Hydrologic Unit Code Scale: NTS Location Map MONROE COUNTY

Str. No. 169-53-9758

I-69 NB over Tramway Road Des. No. 1172097 Str. No. 169-53-9759 I-69 SB over Tramway Road Des. No. 1172098

Stage 1 Submittat

3.721 mi

3.956 mi

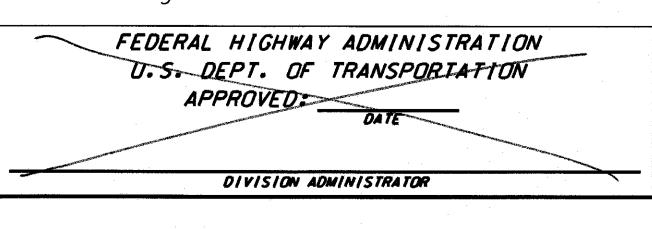
3.069%

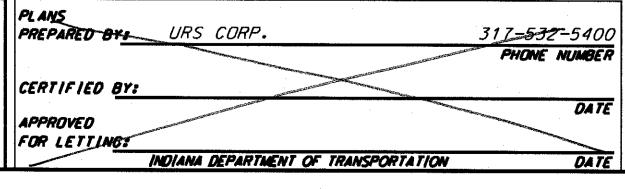
39° 04′ 20″ N

86° 37′ 47″ W

05120208090020

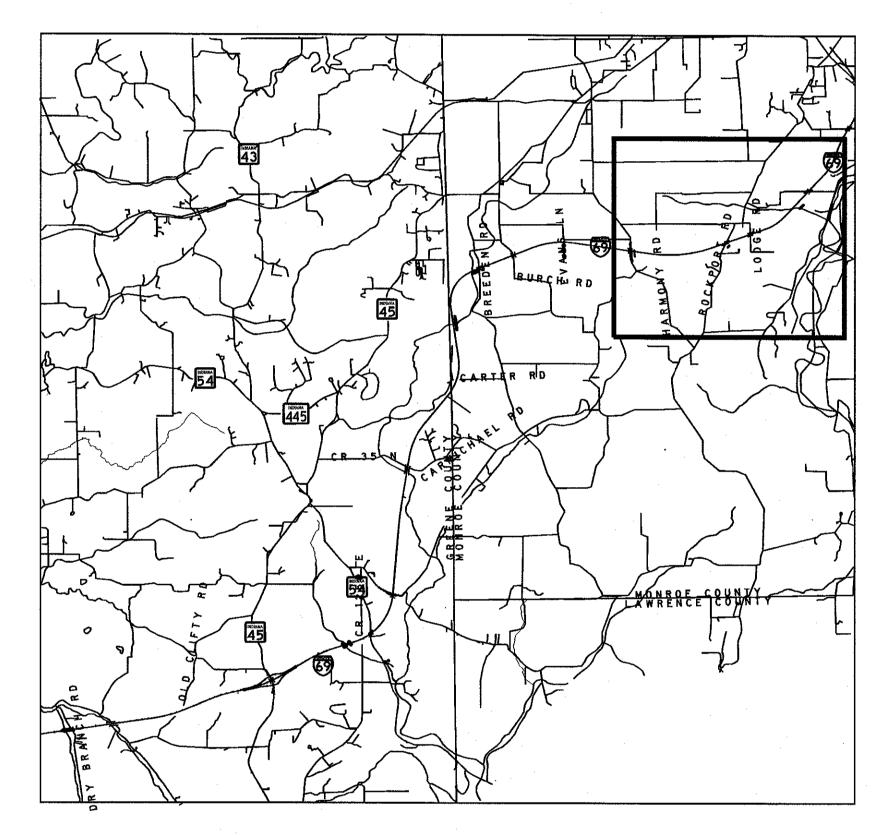
INDIANA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED 2012 TO BE USED WITH THESE PLANS





11-26-12

HORIZONTAL SCALE BRIDGE FILE N/A VERTICAL SCALE DESIGNATION 0500450 N/A SURVEY BOOK PAGE SHEETS TS01-S8 | 1 of 66 ELECTRONIC / AERIAL CONTRACT PROJECT IR-33741 0500450



Begin Project Project No. 0500450 P.O.T. Sta. 1255+00.00 Line "A" I-69

Bridge No. 20

Str. No. 169-53-9747 Harmony Road over I-69 Des. No. 1172086

Bridge No. 22

Str. No. 169-53-9753 I-69 NB over Lodge Rd Des. No. 1172092

Str. No. 169-53-9754

I-69 SB over Lodge Rd Des. No. 1172093

URS

One Indiana Square, Suite 2100 Indianapolis, In 46204 317-532-5400

End Construction Sta. 36+69.97 Line "PRS-22" Bridge No. 21 Str. No. 169-53-9751

I-69 NB over Rockport Rd Des. No. 1172090

Bridge No. 23

Str. No. 169-53-9755

Str. No. 169-53-9756

Str. No. 169-53-9752 I-69 SB over Rockport Rd Des. No. 1172091

Bridge No. 20A Str. No. 169-53-9750 Des. No. 1172089

End Construction Sta. 31+66.80 Line "PRS-20"

> Begin Construction Sta. 29+11.34 Line "PRS-22"

Begin Construction Sta. 20+97.40

Line "PRS-20" Begin Construction

HARMONY

Sta. 51+20.00 Line "PRS-23"

NIERSTATE 69

I-69 REAL ESTATE MANAGER

69

DATE

Bridge No. 24

	Abbreviations
R/W	Right-of-Way
L.A. R/W	Limited Access Right-of-Way
A.C.L.	Access Control Line
C.L.T.F.	Chain Link Type Fence
F.F.T.F.	Farm Field Type Fence
APP. P.L.	Apparent Property Line
APP. EXIST. R/W	Apparent Existing Right-of-Way
В	Beginning L.A.R/W
E	Ending L.A.R/W
N.E.P.L.	No Evidence of Property Line
s.e.	Superelevation
P.G.	Profile Grade
P.O.R.	Point of Rotation
Rt.	Right
Lt.	Left
lnv.	Invert
Const.	Construction

Utilitie	es
<u>Telecommunications</u>	<u>Gas</u>
Smithville Communications, Inc. Perry Gater 1600 W. Temperence St. Elletsville, IN 47429 Phone: 812-935-2383 Email: pgater@smithville.net	Vectren — Evansville Marty Frederick 1 North Main St. Evansville, IN 47711 Phone: 812—491—4765 Email: mfrederick@vectren.com
Utilities District of Western Indiana REMC David Patterson 1666 W. State Road 54 Bloomfield, IN 47424 Phone: 812-384-4446 (x233) Email: dpatterson@udwiremc.com	Cable Comcast Central Indiana Scott Templeton 2450 South Henderson St. Bloomington, IN 47401 Phone: 812-822-3262 Email: scott⊥templeton@cable.comcast.com
Duke Energy Jim Shields 100 E. Main St. Plainfield, IN 46168 Phone: 317—838—1888 Email: jim.shields@duke—energy.com	Water Van Buren Water Michael Farmer 4385 West State Road 45 Bloomington, IN 47401 Phone: 812-825-9760 Email: mfarmer@bynumfanyo.com

	General Notes			
xx	All Earth Shoulders, Median Areas, Cut and Fill Slopes Shall Be Plain or Mulch Seeded Except Where Sodding is Specified.			
	The Final Cross Sections of Project NO.LLLLLLL Shall Be The Original Cross Section For This Project, Except That partial of Complete Cross Sections Shall Be Taken if Necessary to Determine The Actual Quantities of Excavation.			
	Paper Relocation is to be Cross Sectioned by The Engineer Before Construction.]		
	Existing Asphalt is Located Outside the Construction Limits, between Station LLLLLLLL and Station LLLLLLLL Shall Be Removed as Directed.			
	The Quantity of Peat Excavation as Shown on the Plans has Been Estimated on the Basis of Theoretical Cross Sections by Using Method "A" Where it Applies, and Method "B" Where it Applies.			
xx	All Right—of—Way to be Described From Line "A" Unless Noted Otherwise			
xx	All Existing Storm Drainage Pipes, Inlets and Manholes Shall be Removed Unless Otherwise Noted.			
xx	All Limited Access Right—of—Way (LA R/W) is to be Fenced with Farm Field Type Fence (F.F.T.F.) and Shall be Placed in Lieu of Right—Of—Way Markers, Unless Otherwise Noted.			
xx	Minimum Grade For Underdrains Shall Be 0.20%. Where The Profile Grade Is Less Than 0.20% S Underdrains Shall Be Established By The Engineer.	 Special	l Grad	es

xx Required General Notes

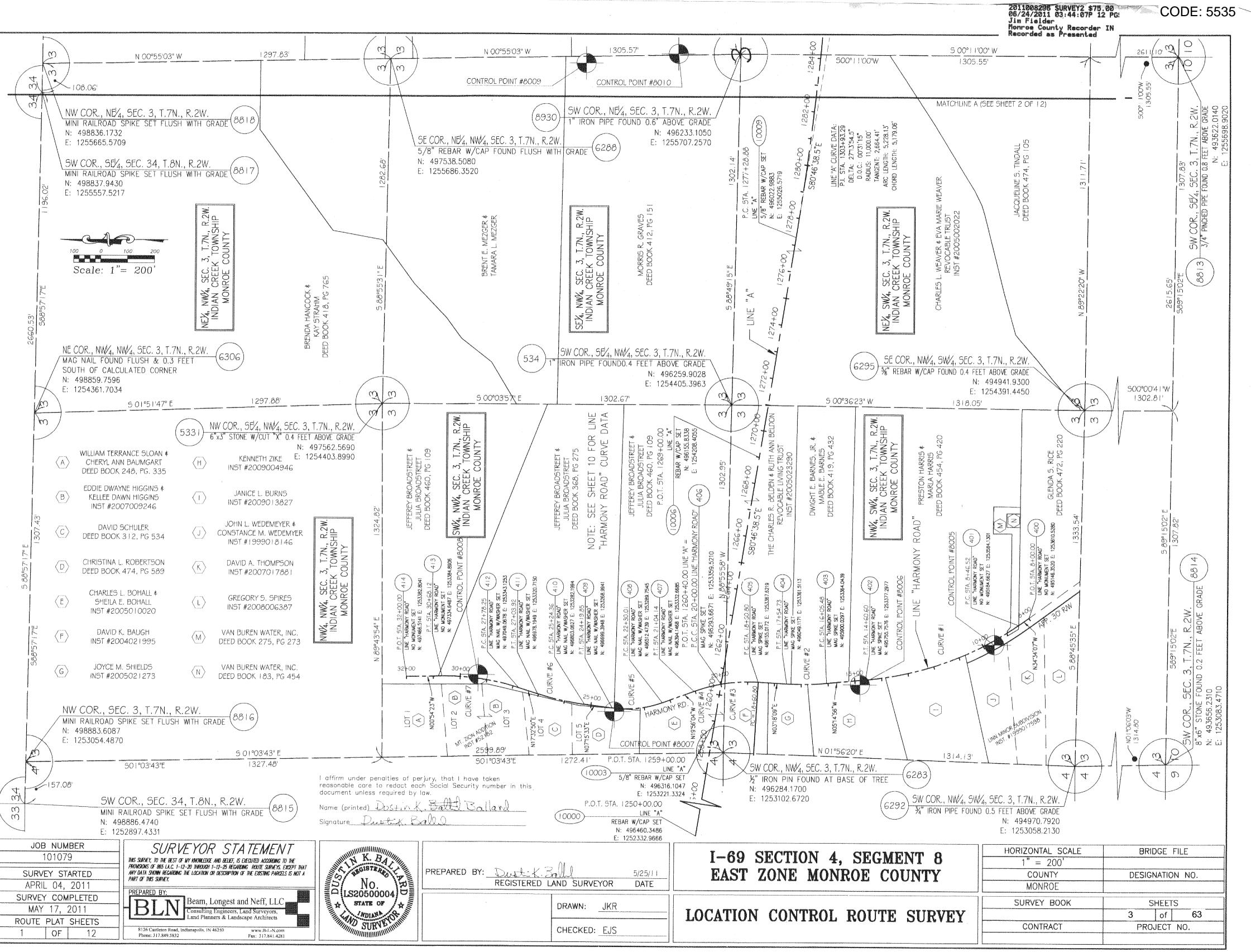
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Sheet	Description
1	Title Sheet
2	Index, General Notes & Utility Information
3-6	Typical Sections
7-10	Plat No. 1
11-22	Location Route Survey
23-61	Plan & Profiles
62-66	Superelevation Sheets
	Cross Sections Line ***
	Cross Sections Line "PRS-20"
	Cross Sections Line "PRS-22"
	Cross Sections Line "PRS-23"
	Cross Sections Line "PRS-24"

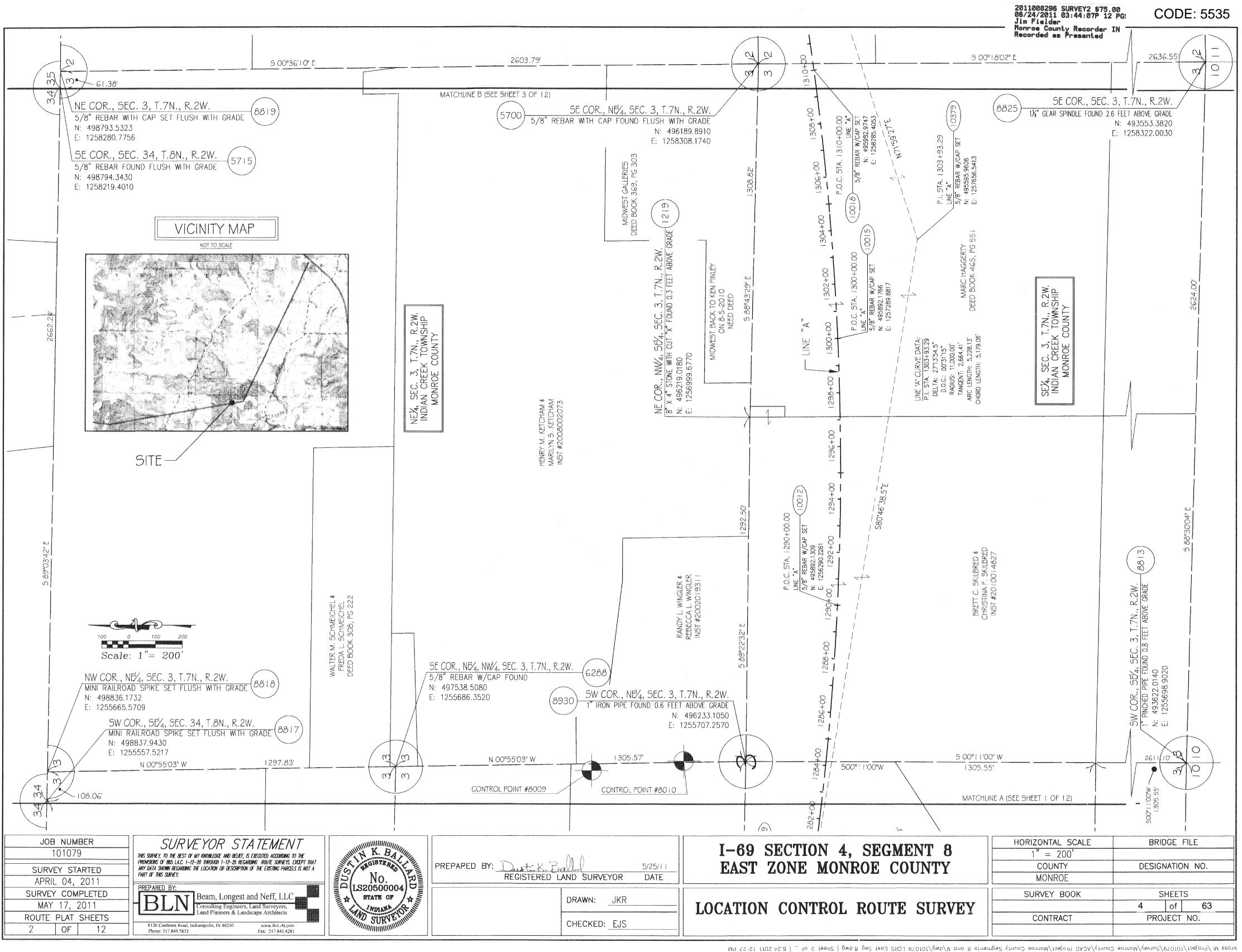
	Revisions	
Date	Sheet Number	Description
2/21/12	23, 25 & 53	Added parcel 8S1
4/5/12	23, 25 & 53	Eliminated parcel 8S1 & added parcel 8SA
5/10/12	16, 35, 37, & 57	Parcel 27 — owner retained excess land, eliminated 27E & 27F
6/14/12	18, 49 & 51	Changed excess land to residue for Parcel 1 of Project 1006075
6/14/12	62 & 63	Added Approach Tables from Stage 3 Plans
7/26/12	15, 23 & 53	Added Parcel 8B
7/24/2018	39-1	Added Parcels 48 & 48A
<u> </u>		

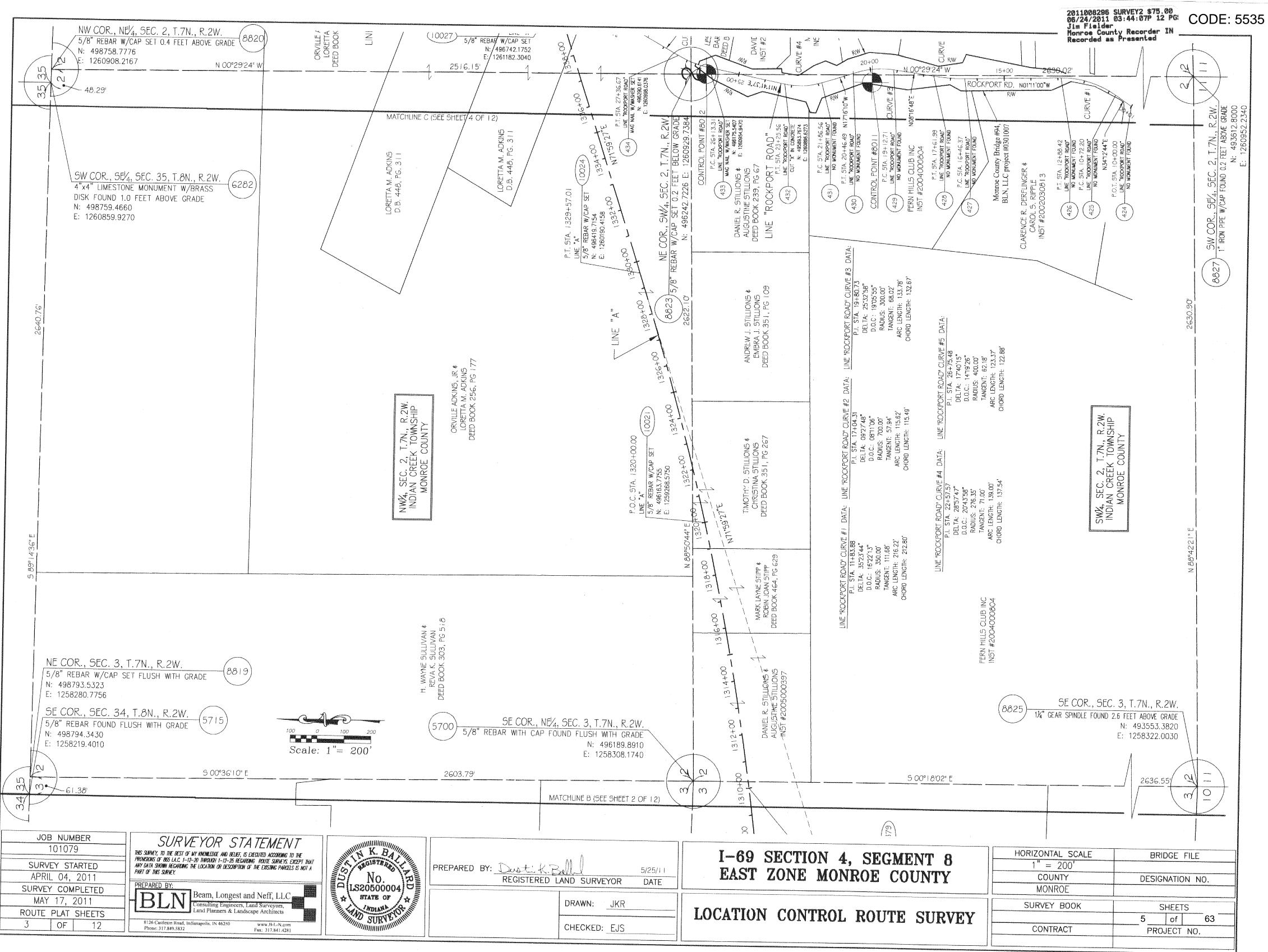
	R/W Index
Sheet	Description
1	Title Sheet
2	Index, General Notes & Utility Information
3-14	Location Control Route Survey Plat
15-18	Plat No. 1
19-22	Typical Sections
23-61	Plan & Profiles
62-63	Approach Tables

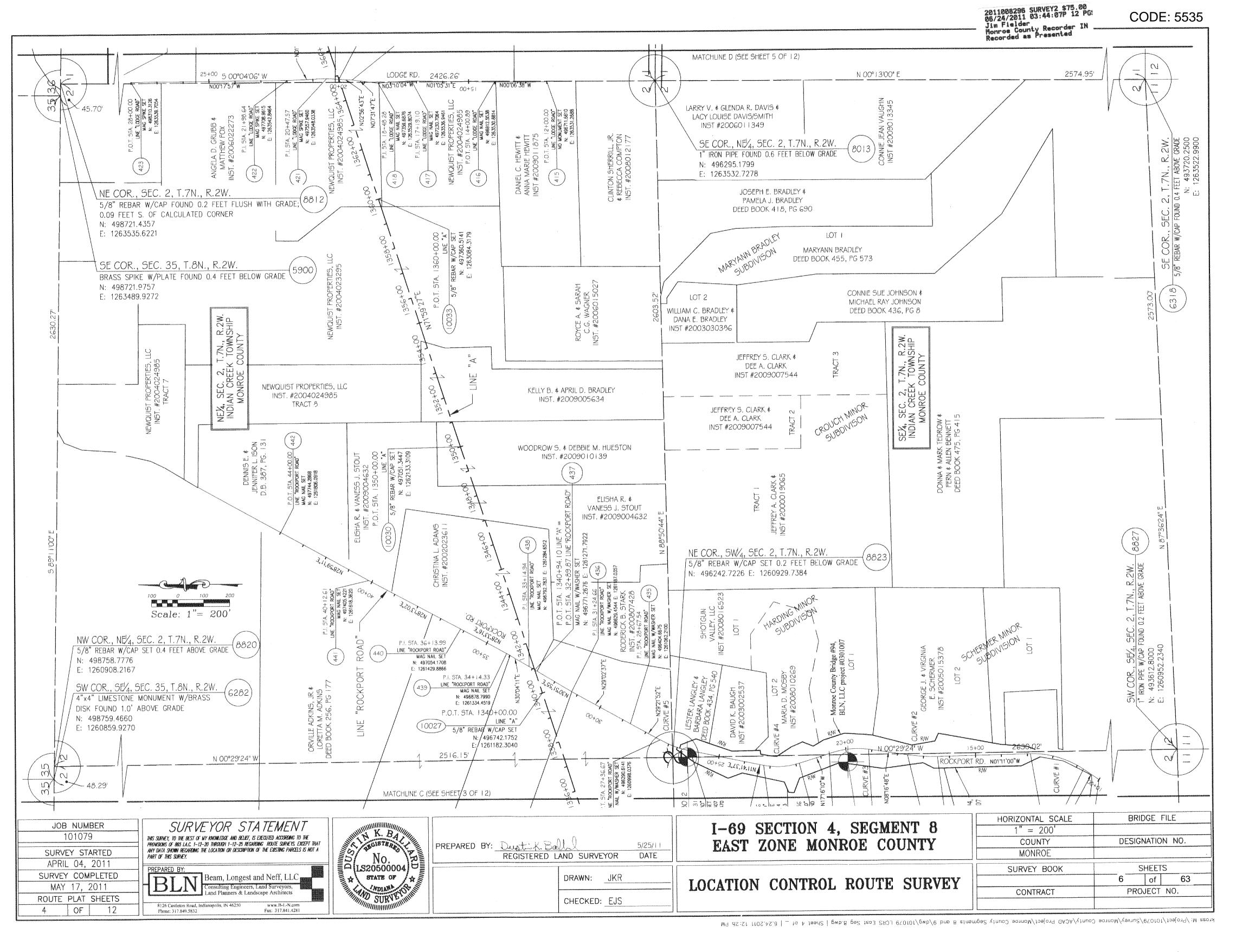
Roadway				Traffic Data					Design Data			
	Design Speed	A.D.T. (2012)	A.D.T. (2030)	D.H.V. (2030)	Tru	icks	Directional	Design Criteria	Functional Classificatio	n Rural/Urban	Terrain	Access Control
	M.P.H.				% A.D.T.	% D.H.V.	Distribution					
Line "A" I-69	70	N/A	29,578		21.0	15.0	50 / 50	4R New Construction (Freeway)	Interstate			Full
Line "PRS-20" Harmony Road	35	1/4400	1/4400	N/A	N/A	N/A	N/A	3R (Non-Freeway)	Local Minor Collector			None
Line "PRS-22" Rockport Road	35	1/4400	1,000¼ADT¼3,00	0 N/A	N/A	N/A	N/A	3R (Non-Freeway)	Local Major Collector		None	
Line "PRS-23" Lodge Road	30	1/4400	4001/4ADT1/41,000	N/A	N/A	N/A	N/A	3R (Non-Freeway)	Local	Rural	Rolling	None
Line "PRS-24" Tramway Road	30	1/4400	1/4400	N/A	N/A	N/A	N/A	3R (Non-Freeway)	Local			None

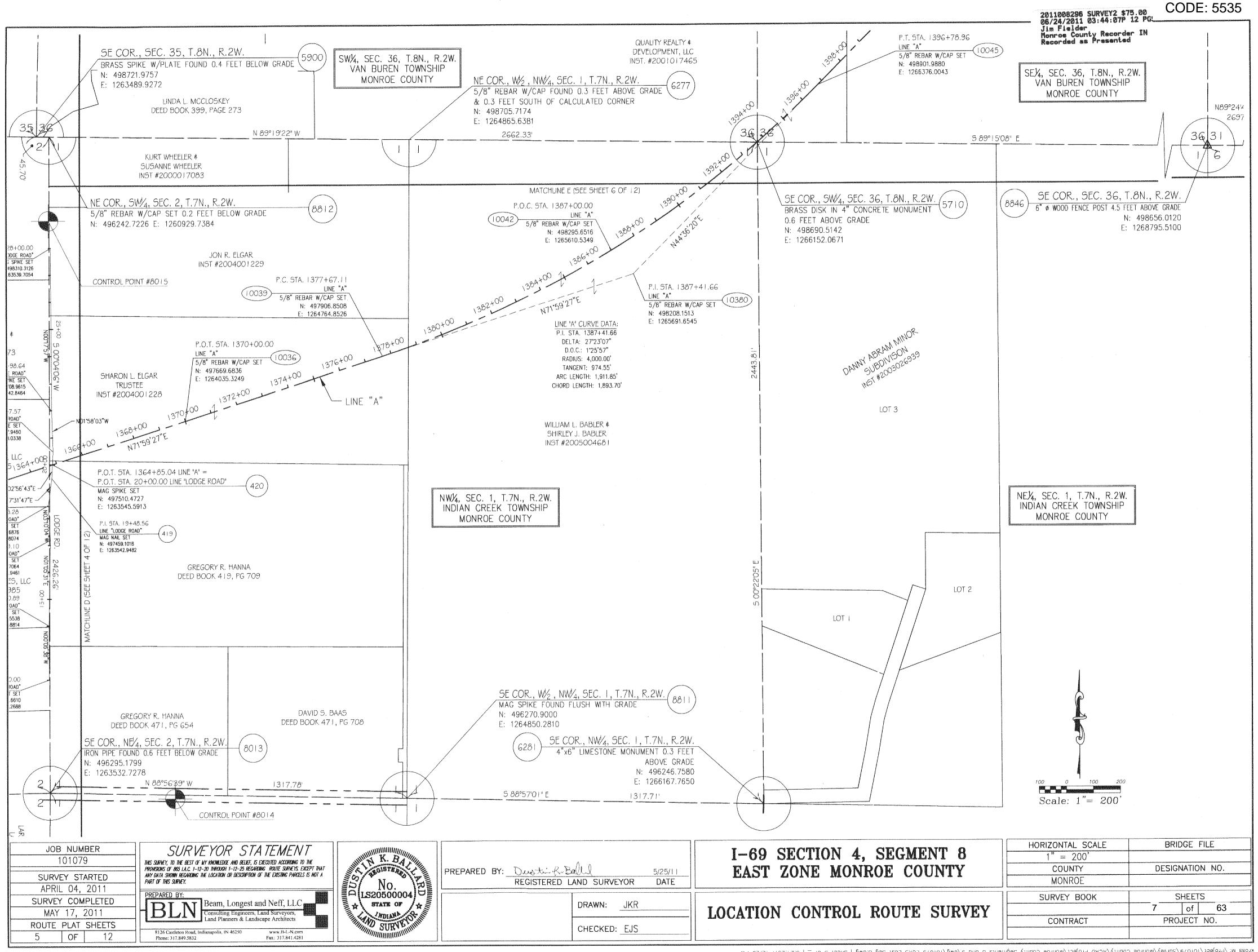
			INDIANA	HORIZONTAL SCALE	BRIDGE FILE			
	RECOMMENDED FOR APPROVAL	ILINDLD			VERTICAL SCALE		SIGNATION 0500450	
	DESIGNED:	WJW	DRAWN:	ETD	INDEX & GENERAL NOTES	SURVEY BOOK ELECTRONIC / AERIAL	PAGE	SHEETS 2 of 63
	CHECKED:	AJD	CHECKED:	WJW	I-69 / Section 4 / Segment 8	CONTRACT IR-33741	-	PROJECT 0500450

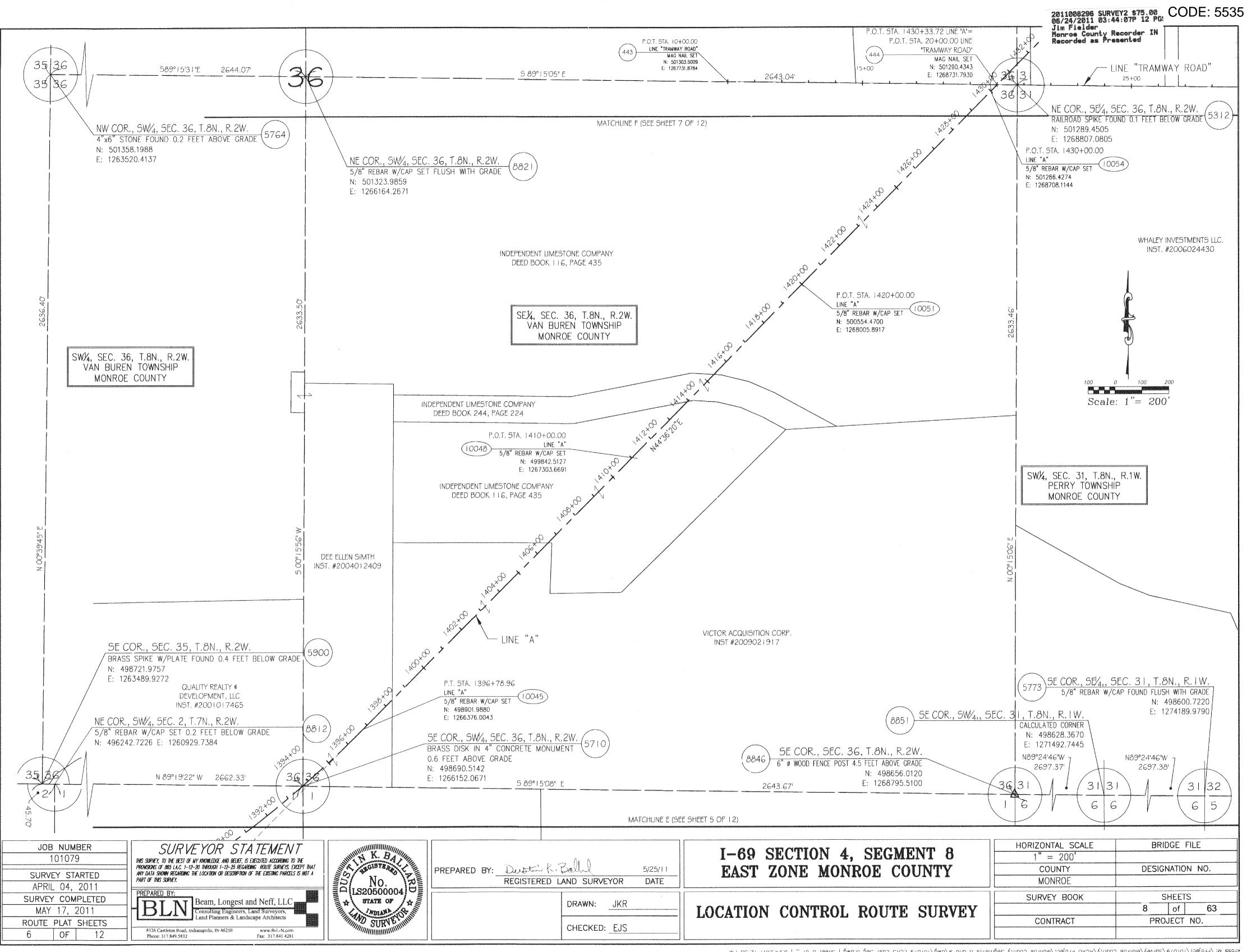


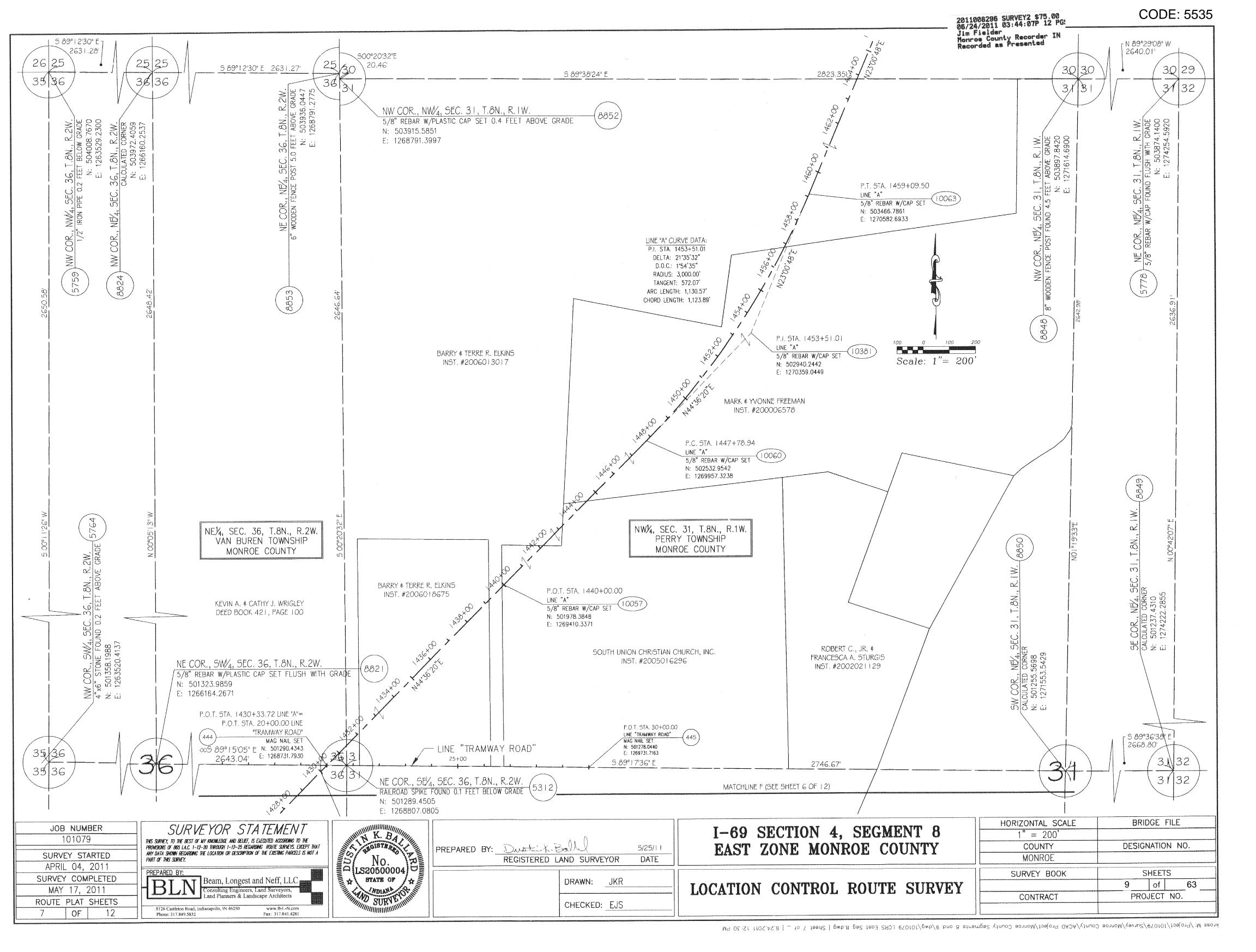




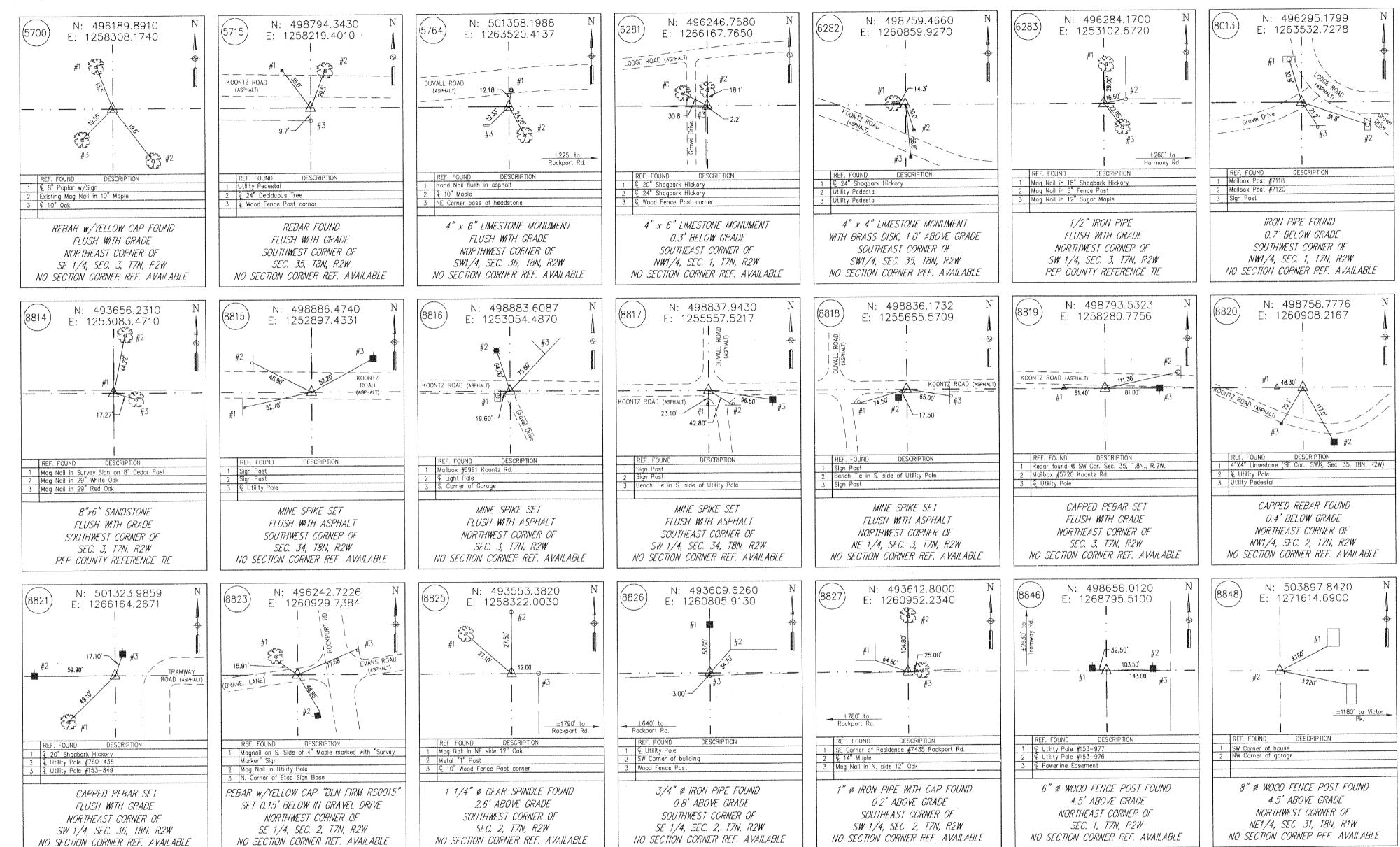








SECTION CORNER REFERENCES



JOB NUMBER
101079
SURVEY STARTED
APRIL 04, 2011
SURVEY COMPLETED
MAY 17, 2011
ROUTE PLAT SHEETS

OF

12

Phone: 317.849.5832

SURVEYOR STATEMENT
THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIET, IS EXECUTED ACCORDING TO THE
PROVISIONS OF 865 LA.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS. EXCEPT THAT
ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A
PART OF THIS SURVEY.

PREPARED BY:

Beam, Longest and Neff, LLC
Consulting Engineers, Land Surveyors,

and Planners & Landscape Architects

Fax: 317.841.4281



PREPARED	BY:	Dusti K. Balll REGISTERED LAND SURVEYOR	5/25/11 DATE
		DRAWN: JKF	?

CHECKED: EJS

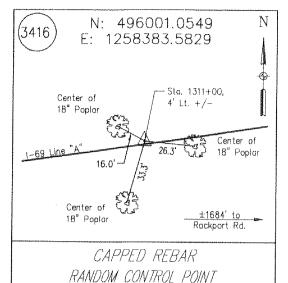
LOCATION CONTROL ROUTE SURVEY

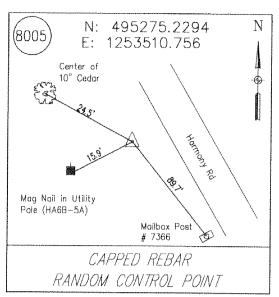
I-69 SECTION 4, SEGMENT 8

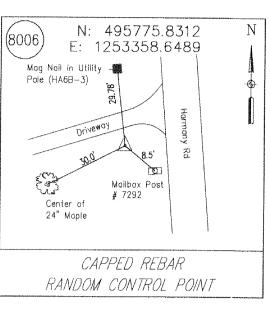
EAST ZONE MONROE COUNTY

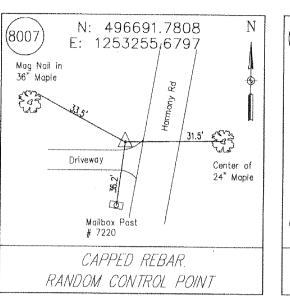
HORIZONTAL SCALE	BRIDGE FILE			
1" = 200'				
COUNTY	DESIGNATION NO.			
MONROE	A SECTION AND ADDRESS OF THE PROPERTY OF THE P			
SURVEY BOOK	SHEETS			
	10 of 63			
CONTRACT	PROJECT NO.			

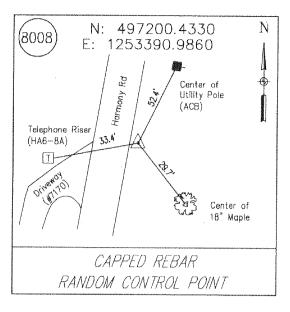
CONTROL POINT REFERENCES

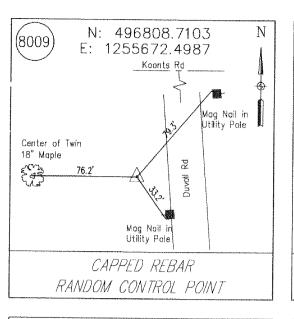


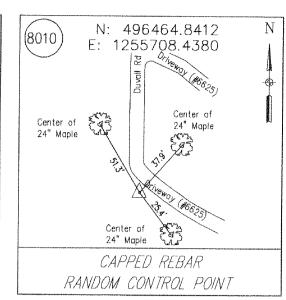


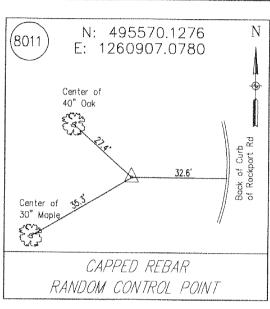


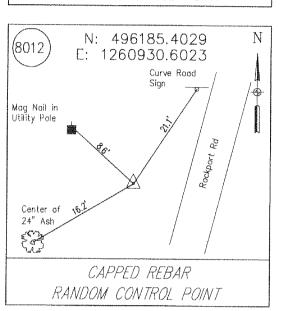


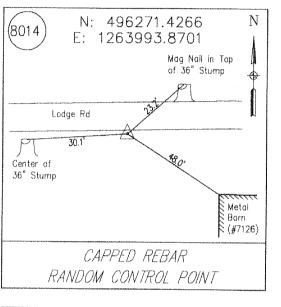


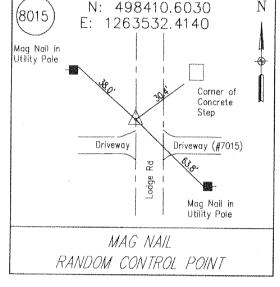


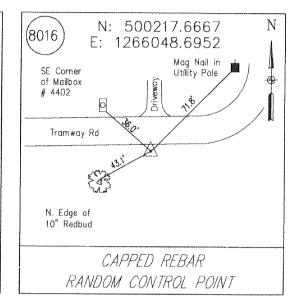


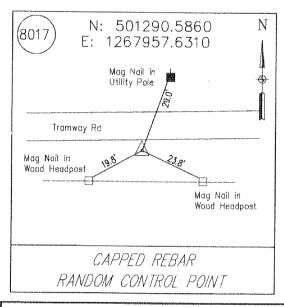


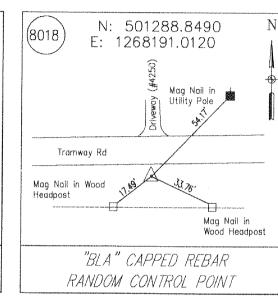


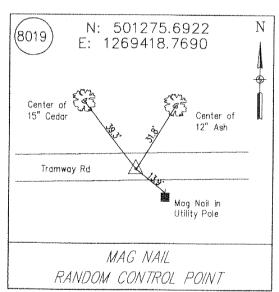


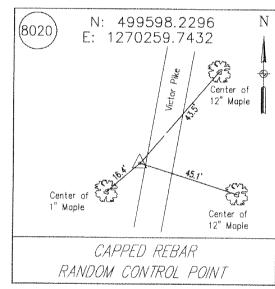


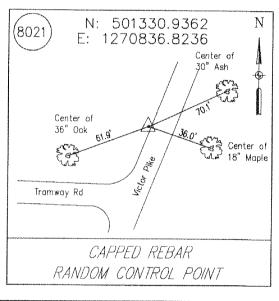


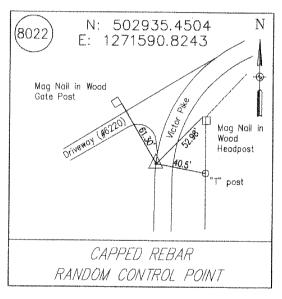


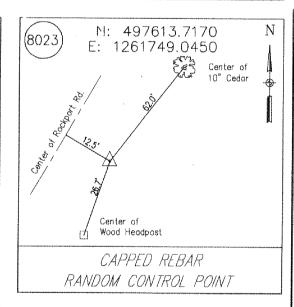


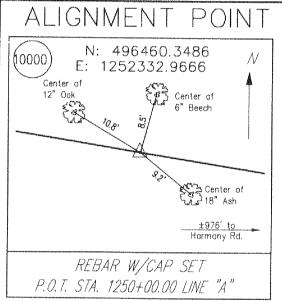


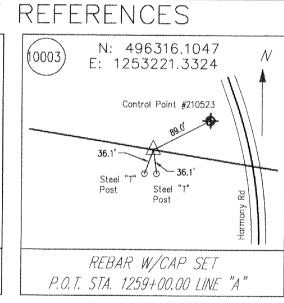


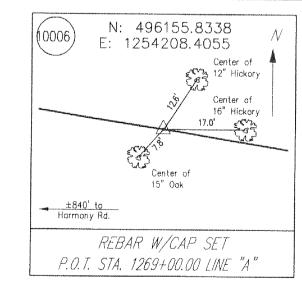


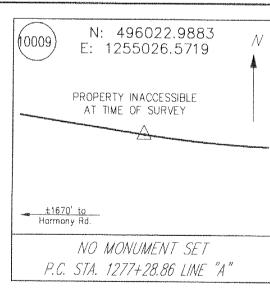


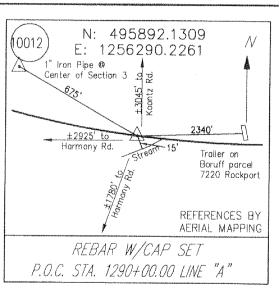


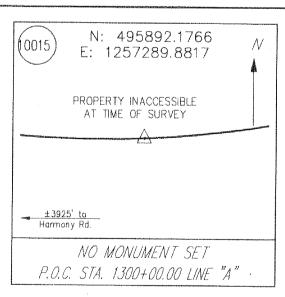


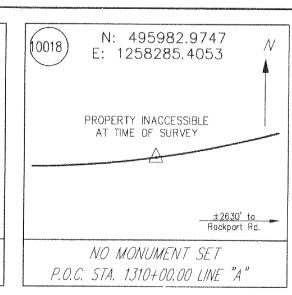


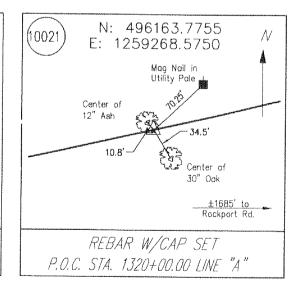












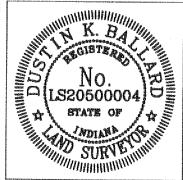
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REBAR W/CAP SET P.T. STA. 1329+57.01 LINE "A"	OPPERATE ALLEGATION OF STREET

JOB NUMBER
101079
SURVEY STARTED
APRIL 04, 2011
SURVEY COMPLETED
MAY 17, 2011
ROUTE PLAT SHEETS

OF

12





PREPARED	BY: _	Dusti K. Ball	5/25/11
		REGISTERED LAND SURVEYOR	DATE
44, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4, 4,		DBAWNI, IZD	

DRAWN:	JKR
CHECKED:	EJS

I-69	SECTIO	N	4,	SE	GMENT	8
EAST	ZONE	MO	NR	OE	COUNT	Y

LOCATION	CONTROL	ROUTE	SURVEY

HORIZONTAL SCALE	BRIDGE FILE
1" = 200'	The second secon
COUNTY	DESIGNATION NO.
MONROE	
SURVEY BOOK	SHEETS
	11 of 63
CONTRACT	PROJECT NO.

SURVEYOR'S REPORT

The purpose of this survey was to prepare a Location Control Route Survey Plat for the establishment of the centerline of I-69 within Segment 8 of the Interstate 69, Tier 1, Preferred Alternative 3C in Indian Creek, Van Buren and Perry Townships, Monroe County, Indiana.

The Route Survey begins at the West Line of the Northwest Quarter of Section 3 Township 7 North, Range 2 West and proceeds easterly and northeasterly to the North Line of the Northwest Quarter of Section 31, Township 8 North, Range 1 West.

Field measurements for this survey were made in accordance with specifications outlined in 865 I.A.C. 1-12-22. The decimal places shown hereon for measurements and coordinates do not necessarily indicate the precision of the work, but to allow for closure and adjustment by others if desired

BASIS OF BEARINGS: Bearings for this survey are based on the "I-69 Coordinate System, East Zone" grid (provided by Bernardin, Lochmueller and Associates, Inc.), as defined below. Unless noted otherwise, all measured and calculated distances and coordinates shown hereon are also based on said grid per the NAD 89 (1997) adjustment and are reported in U.S. Survey Feet. The "I-69 Coordinate System, East Zone" is a transverse Mercator projection of the North American Datum of 1983, having a central meridian of 86 degrees 25 minutes 12 seconds west of Greenwich, on which meridian the scale is set to 1.0000260. The origin

of grid coordinates is at the intersection of said meridian and the parallel 38 degrees 09 minutes 36 seconds north latitude. This

origin is given the coordinates: North=50,000 meters and East=400,000 meters. This projection was designed to minimize the

difference between ground measured distances and grid coordinate inverses specific to Segment 8 of the Interstate 69, Tier 1,

Preferred Alternative 3C in southwestern Indiana. Controlling monuments used for this survey are numbers 60-65 provided by

Bernardin, Lochmueller and Associates, Inc. as shown hereon. Static and RTK observations were used to establish the control for this survey. Said control was adjusted using a least squares analysis software. ALIGNMENTS:

Line "A" was provided by Bernardin, Lochmueller and Associates, Inc. and is the proposed centerline of Interstate 69.

Line "Harmony Road" was established as a best fit line using the existing edge of pavement.

Line "Rockport Road" - The southern portion of this alignment is from Monroe County Bridge #94, BLN, LLC project #0301007. The alignment from said project was recreated and held for this survey. The northern portion of this alignment was established as a best fit line using the existing edge of pavement.

Line "Lodge Road" was established as a best fit line using the existing edge of pavement. The apparent right-of-way shown hereon is based upon references contained in the current deeds of record adjacent to Lodge Road as well as a survey for John Elgar performed by Steven Archer (Instrument Number 2004001228). However, I found no documentation dedicating or describing any area designated as existing right-of-way.

Line "Tramway Road" are the North Lines of the Northeast and Northwest Quarters of Section 36, Township 8 North, Range 2 West and Section 31, Township 8 North, Range 1 West, respectively, as it runs along the asphalt roadway of Tramway Road. Line "Tramway Road" is not meant to represent the physical centerline of Tramway Road as it exists during the time of this

In accordance with Title 865, Article 1.1, Chapter 12, Sections 20 through 25 of the Indiana Administrative Code, the following observations and opinions are submitted regarding the cause and amount of uncertainties in the lines and corners found or established by this survey because of any of the following:

AVAILABILITY AND CONDITION OF REFERNECE MONUMENTS:

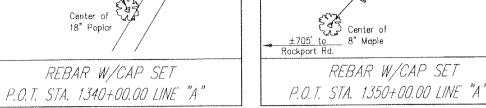
Many of the monuments set marking the corners during the United States Public Lands Surveys conducted in Indiana have been lost or obliterated and have not been perpetuated, or replaced, over the time since said surveys were performed. Therefore, great care was taken to re-establish said corners using as much information and evidence as possible to restore each monument to its original location as accurately as can be determined. Any uncertainty with these re-established monuments will be shown hereon. Any found monuments with their location being used to establish the controlling lines for this survey will be explained in reference to their origin (if able to be determined), size, type, character and relationship to the surface of the ground, roadway, etc. The origin of said monuments include, but are not limited to, federal and state highway plans, public lands survey notes, local surveys both recorded and unrecorded, local landowner testimony, natural and manmade topographical features and information obtained from local county offices such as deeds, plats, etc...

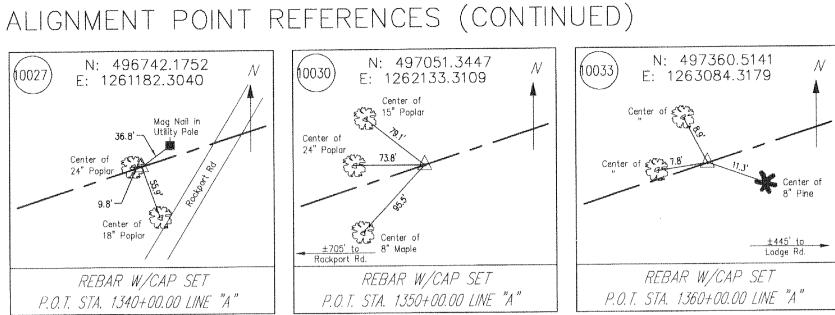
All set "REBAR" are 24" #5 rebar with orange plastic cap stamped "B-L-N - RANDOM POINT".

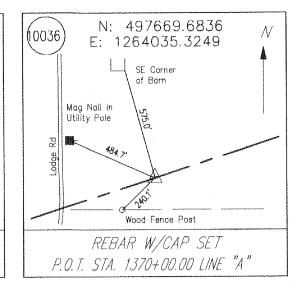
RECORD DOCUMENTATION USED: Final Plat of Stephens Creek Subdivision performed by Raymond Graham (Plat Cabinet C, Envelope), Smith Minor Subdivision performed by Douglas Curry (Instrument Number 20000001977), a survey for Brenda Hancock performed by Douglas Curry (Instrument Number 2009007196), a survey performed by Jess Gwinn (Instrument Number 1999017598), a survey for Charles Davies performed by Bledsoe Tapp and Riggert (Instrument Number 2004020004), a survey for John Elgar performed by Steven Archer (Instrument Number 2004001228), Final Plat Amendment One of Danny Abram Minor Subdivision (Plat Cabinet C, Envelope 34), a survey for South Union Christian Church performed by Richard E. Waltrip (Plat Cabinet S, Ervelope 53), survey for Mark Freeman (recorded in Survey Cabinet S1, Envelope 301) performed by Bledsoe, Tapp & Riggert, Inc., survey titled "Hacker Administrative Subdivision" (Instrument Number 2000008067) performed by Bledsoe, Tapp & Riggert, Inc., a survey for Victor Oolitic Stone Company (recorded in Survey Cabinet S1, Envelope 333) performed by Bledsoe, Tapp & Riggert, Inc., a survey for Rogers Group, Inc. (recorded in Survey Cabinet S1, Envelope 219) performed by Bledsoe, Tapp & Riggert, Inc.

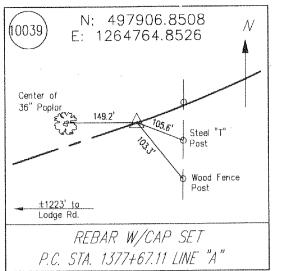
SCOPE:

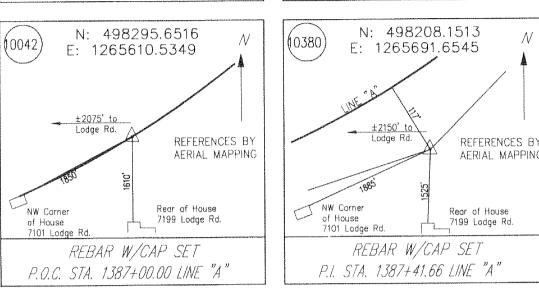
(10033 (10030) E: 1262133.3109 15" Poplar Center of E ... 73.8' Center of SCV3 7.8

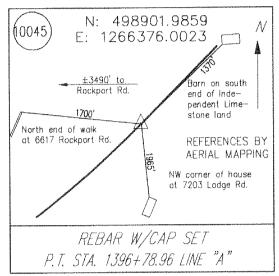


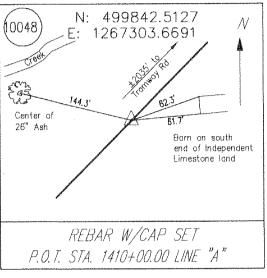


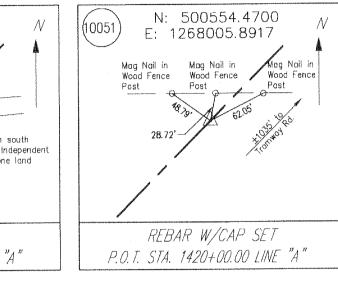


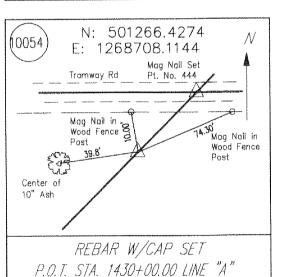












HARMONY" CURVE #3 DATA:

P.I. STA. 19+30.71

DELTA: 13°17'33"

D.O.C.: 09'32'57"

RADIUS: 600.00'

TANGENT: 69.91'

ARC LENGTH: 139.20'

JOB NUMBER

101079

SURVEY STARTED APRIL 04, 2011

SURVEY COMPLETED

MAY 17, 2011

ROUTE PLAT SHEETS

10

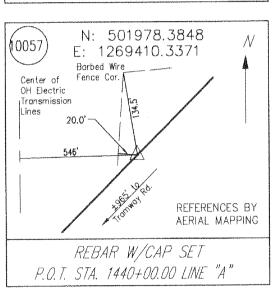
OF

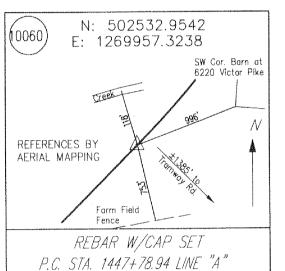
12

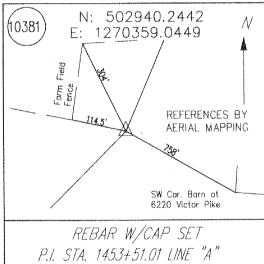
(0027

E: 1261182.3040

Utility Pole

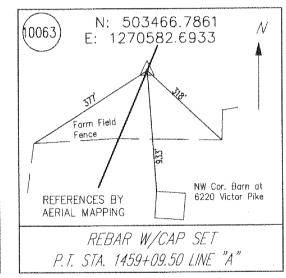






SECTION CORNER REFERENCES (CONT.)

(8853)



N: 503936.0447

E: 1268791.2775

LINE "HARMONY" CURVE #2 DATA: LINE "HARMONY ROAD " CURVE # 1 DATA: P.I. STA. 11+60.44 DELTA: 29"19'11"

D.O.C.: 04'46'29" RADIUS: 1,200.00' TANGENT: 313.92' ARC LENGTH: 614.07' CHORD LENGTH: 607.40'

P.I. STA. 20+52.20

DELTA: 09°56'40"

D.O.C.: 09°32'57"

RADIUS: 600.00'

TANGENT: 52.20'

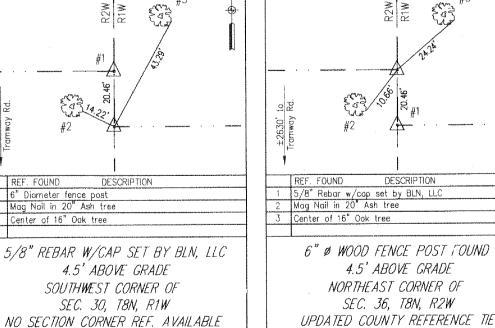
ARC LENGTH: 104.14'

P.I. STA. 16+80.24 DELTA: 08'33'04" D.O.C.: 05°43'46" RADIUS: 1,000.00' TANGENT: 74.76' ARC LENGTH: 149.25' CHORD LENGTH: 149.11'

LINE "HARMONY" CURVE #4 DATA: LINE "HARMONY" CURVE #5

N: 503915.5851 E: 1268791.3997 P.I. STA. 23+26.75 DELTA: 27°11'37" D.O.C.: 14'19'26" RADIUS: 400.00' TANGENT: 96.75' ARC LENGTH: 189.85' CHORD LENGTH: 188.07 REF. FOUND DESCRIPTION 1 6" Diameter fence post 2 Mag Nail in 20" Ash tree

Center of 16" Oak tree



CHORD LENGTH: 104.01' CHORD LENGTH: 138.89' LINE "HARMONY" CURVE #6 DATA:

P.I. STA. 26+14.38 DELTA: 10°17'17" D.O.C.: 5'43'46" RADIUS: 1,000.00' TANGENT: 90.02' ARC LENGTH: 179.56'

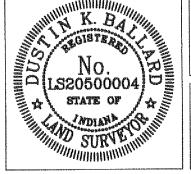
LINE "HARMONY" CURVE #7 DATA:

P.I. STA. 29+24.45 DELTA: 18°27'13" D.O.C.: 6°21'58" RADIUS: 900.00' TANGENT: 146.20' ARC LENGTH: 289.87' CHORD LENGTH: 288.62'

CHORD LENGTH: 179.32'

SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROMSIONS OF 865 LA.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS. EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OF DESCRIPTION OF THE EXISTING PARCELS IS NOT A





REPARED	BY:	Dustik-Bolle	5/25/11	
		REGISTERED LAND SURVEYOR	DATE	

_	 JAND JOHAL	1011	DATE	l
	DRAWN:	JKR		
	CHECKED:	EJS		***************************************

I-69 SECTION 4, SEGMENT 8 EAST ZONE MONROE COUNTY

LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE			
1" = 200'				
COUNTY	DESIGNATION NO.			
MONROE				
SURVEY BOOK	SHEETS			
	12	of	63	
CONTRACT	PR(DJECT	NO.	
	<u></u>			

CODE: 5535

Section 3, Township 7 North, Range 2 West:

Point #8815 - The southwest corner of the Southwest Quarter of Section 34, Township 8 North, Range 2 West - This corner was reestablished and marked with a mini railroad spike set flush with grade. Since no Monroe County Surveyors Office Monument Record sheet exists for this corner it was established in the following manner: The tract of land occupying the southwestern portion of said Section 34 is described in Instrument Number 2005000183 and begins at a "Southwest corner of the Southwest Quarter of said Section". The description then proceeds northerly along the "West Line of said Quarter Section" 702.60 feet to a "pipe". A 3/4" Iron Pipe was found in a fence row approximately 0.7 feet above grade and marked with old flagging. A 1" Iron Pipe was found approximately 0.35 feet above grade at the southern end of the previously mentioned fence row just north of Koontz Road. Said pipes were used to create the West Line of the Southwest Quarter of said Section 34 with a deed distance of 702.60 Section, there may be as much as 0.3 feet of uncertainty associated with this corner. feet projected southerly from the northern most pipe thereby creating the southwest corner of said quarter section. It must be noted that the tract of land occupying the southeast portion of the Southeast Quarter of Section 33, Township 8 North, Range 2 West (described in Instrument Number 2010008485) calls for a survey performed by Lee Utt with rebar set at the boundaries of said tract. No monument is called for at the southeast corner of the Southeast Quarter of said Section 33. A rebar with cap, set by Lee Utt, was found apparently marking the East Line of the Southeast Quarter of said section. From said Point #8814 - The southwest corner of the Southwest Quarter of Section 3 - An 8" x 6" stone was rebar a deed distance of 619.07 feet was projected southerly along said East Line which results in a position of this corner lying 7.4 feet south of the position created using the iron pipes and deed distance mentioned above. Upon running a line between the southeast and southwest corners of the Southwest Quarter of said Section 34, a mag nail found and identified as the northwest corner of the Northeast Quarter of the Northwest Quarter of Section 3 (in a survey performed by Douglas Curry Instrument Number 2009007196) was found lying 0.3 feet southerly of said line. Based upon deed differences, the uncertainty associated with the Southwest Quarter of Section 34 may have as much as 7.4 feet of uncertainty associated with this corner.

Point #8816 - The northwest corner of the Northwest Quarter of Section 3, Township 7 North, Range 2 West - This corner was reestablished and marked with a mini railroad spike set flush with grade. Since no Monroe County Surveyors Office Monument Record sheet exists for this corner it was established in the following manner: A distance of 238 links (157.08 feet), per the GLO notes for Township 7 North, Range 2 West, was measured east along the South Line of the Southwest Quarter of said Section 34, Township 8 North, Range 2 West from the reestablished southwest corner of said Southwest Quarter.

Point #8817 - The southwest corner of the Southeast Quarter of Section 34, Township 8 North, Range 2 West - This corner was reestablished and marked with a mini railroad spike set flush with grade. Since no Monroe County Surveyors Office Monument Record sheet exists for this corner it was established in the following manner: A 5/8" rebar with a plastic cap marked "MUNDY" was found 0.5 feet above grade and was held as the northwest corner of the Southeast Quarter of said Section 34 per the Final Plat of Stephens Creek Subdivision (Plat Cabinet C, Envelope 205). A best fit line was run southerly from Mundy rebar and two monuments found in the roadway of Duval Road. The first, a 3/4" iron pin was found 0.5 feet below grade and the second, a 1/2" iron pipe was found 0.2 feet below grade and witnessed by a 5/8" rebar with a Graham cap located 25.0 feet westerly. Said best fit line was then extended southerly to its intersection with the South Line of the Southeast Quarter of said Section 34. The South Line of the Southeast Quarter of said Section 34 was created by locating a 5/8" rebar designated as the southeast corner of Section 34, per Smith Minor Subdivision (Instrument Number 20000001977 performed by Douglas Curry) and running a best fit line westerly, from said rebar, through two rebar set by Mr. Curry on the South Line of the Southeast Quarter of said Section 34 per said Smith Minor Subdivision. The intersection of said South and West Lines was marked as this reestablished corner. There may be as much as 0.5 feet of uncertainty associated with this corner based purely on the error associated with creating the best fit lines.

Point #8818 - The northwest corner of the Northeast Quarter of Section 3 - This corner was reestablished and marked with a mini railroad spike set flush with grade. Since no Monroe County Surveyors Office Monument Record sheet exists for this corner it was established in the following manner: Per a survey performed by Douglas Curry (Instrument Number 2009007196), an 1" iron pipe was found and held as the southwest corner of said Northeast Quarter and a 5/8" rebar was found and held as the southwest corner of the Northwest Quarter of said Northeast Quarter. A line was run between said pipe and said rebar and extended northerly to its intersection with the North Line of said Northeast Quarter. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Northeast Quarter, there may be as much as 7.7 feet of uncertainty associated with this corner.

Point #5715 - The southeast corner of the Southeast Quarter of Section 34, Township 8 North, Range 2 West - A 5/8" rebar (no cap) found flush with grade per a survey performed by Douglas Curry (Instrument Number 2009007196) and per its' Monroe County Surveyors Office Monument Record sheet. There may be as much as 1.2 feet of uncertainty associated between said rebar and its' relationship between other monuments found per said survey.

Point #8819 - The northeast corner of the Northeast Quarter of Section 3 - This corner was reestablished and marked with a 5/8" rebar with a plastic cap set flush with grade. Since no Monroe County Surveyors Office Monument Record sheet exists for this corner it was established in the following manner: A distance of 93 links (61.38 feet), per the GLO notes for Township 7 North, Range 2 West, was measured east along the South Line of the Southwest Quarter of said Section 35, Township 8 North, Range 2 West from a 5/8" rebar found flush with grade and held as the southwest corner of said Southwest Quarter

Point #5700 - The southeast corner of the Northeast Quarter of Section 3 - A 5/8" rebar with a plastic cap was found flush with grade and set by Lee Utt - No Monroe County Surveyors Office Monument Record sheet exists for this corner. However, a yellow "Survey Marker" sign (placed by the Office of the Monroe County Surveyor) was posted nearby. The positional uncertainty associated with this

Point #8930 - The southwest corner of the Northeast Quarter of Section 3 - A 1" iron pipe was found 0.6 feet above grade and bent over - No Monroe County Surveyors Office Monument Record sheet exists for this corner. Said iron pipe is designated as this corner per a survey performed by Douglas Curry (Instrument Number 2009007196), Based on the surveyed distance versus the record distance (from the above mentioned survey) of the South Line of the Southeast Quarter of the Northwest Quarter of said

Point # 6283 - The southwest corner of the Northwest Quarter of Section 3 - A 1/2" iron pipe was found at the base of a tree per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

found 0.2 feet above grade per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #8813 - The southwest corner of the Southeast Quarter of Section 3 - A 3/4" crimped iron pipe was found 0.8 feet above grade per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #5331 - The northwest corner of the Southeast Quarter of the Northwest Quarter of Section 3 - A 6" x 3" stone with a cut "X" was found 0.35 feet above grade per a survey performed by Douglas Curry (Instrument Number 2009007196). No Monroe County Surveyors Office Monument Record sheet exists for this corner. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Quarter-Quarter Section, there may be as much as 0.5 feet of uncertainty associated with this corner.

Point #6288 - The southeast corner of the Northeast Quarter of the Northwest Quarter of Section 3 - A 5/8" rebar with a plastic cap set by Douglas Curry was found flush with grade per a survey performed by Douglas Curry (Instrument Number 2009007196). No Monroe County Surveyors Office Monument Record sheet exists for this corner. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the South Line of said Quarter-Quarter Section, there may be as much as 0.1 feet of uncertainty associated with this corner.

Point #534 - The southwest corner of the Southeast Quarter of the Northwest Quarter of Section 3 - 1" iron pipe was found 0.4 feet above grade per a survey performed by Douglas Curry (Instrument Number 2009007196). No Monroe County Surveyors Office Monument Record sheet exists for this corner. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Quarter-Quarter Section, there may be as much as 0.5 feet of uncertainty associated with this corner.

Point #6292 - The southwest corner of the Northwest Quarter of the Southwest Quarter of Section 3 -34" iron pipe was found 0.5 feet above grade per a survey performed by Jess Gwinn (Instrument Number 1999017598). No Monroe County Surveyors Office Monument Record sheet exists for this corner. The positional uncertainty associated with this corner is unknown.

Point #6295 - The southeast corner of the Northwest Quarter of the Southwest Quarter of Section 3 - A 5/8" rebar with a plastic cap set by Eric Deckard was found 0.4 feet above grade and held as the best evidence of the location of said corner. No Monroe County Surveyors Office Monument Record sheet exists for this corner. The positional uncertainty associated with this corner is unknown.

Point #8825 - The southeast corner of the Southeast Quarter of Section 3 - A 1 1/4" gear spindle was found 2.6 feet above grade. No Monroe County Surveyors Office Monument Record sheet exists for this corner. However, a yellow "Survey Marker" sign (placed by the Office of the Monroe County Surveyor) was posted nearby. The positional uncertainty associated with this monument is unknown.

Point #1219 - The northeast corner of the Northwest Quarter of the Southeast Quarter of Section 3 - An 8" X 4" stone with a cut "X" was found 0.3 feet above grade and held as the best evidence of the location of this corner. No Monroe County Surveyors Office Monument Record sheet exists for this corner. The positional uncertainty associated with this monument is unknown.

Point #6306 - The northeast corner of the Northwest Quarter of the Northwest Quarter of Section 3 - A mag nail was found flush with grade per a survey performed by Douglas Curry (Instrument Number 2009007196). No Monroe County Surveyors Office Monument Record sheet exists for this corner. Said mag nail was found lying 0.3 feet southerly of the recreated South Line of the Southwest Quarter of Section 34, Township 8 North, Range 2 East. The West Line of said quarter-quarter section was run through said mag nail and extended to the recreated South Line of the Southwest Quarter of said Section 34. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Quarter-Quarter Section, there may be as much as 0.3 feet of uncertainty associated

Section 2, Township 7 North, Range 2 West:

Point #6282 - The southwest corner of the Southeast Quarter of Section 35, Township 8 North, Range 2 West - A 4" x 4" limestone monument with a brass disc was found 1.0 foot above grade per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #5900 - The southeast corner of the Southeast Quarter of Section 35, Township 8 North, Range 2 West - A brass spike with plate was found 0.4 feet below grade per its' Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #8812 - The northeast corner of the Northeast Quarter of Section 2 - A 5/8" rebar with a plastic cap associated with this corner is unknown. set by Bledsoe, Tapp PC was found 0.09 feet south of the calculated closing corner and flush with grade per a survey for Charles Davies performed by Bledsoe Tapp and Riggert (Instrument Number 2004020004). No Monroe County Surveyors Office Monument Record sheet exists for this corner. The uncertainty associated with this corner is unknown.

Point #8013 - The southeast corner of the Northeast Quarter of Section 2 - A 1" iron pipe found 0.6 feet below grade with a yellow "Survey Marker" sign (placed by the Office of the Monroe County Surveyor) posted nearby. The website for said Surveyors Office shows an existing Monument Record sheet for this corner, but the sheet is a reference for the southeast corner of the Northwest Quarter of Section 1, Township 7 North, Range 2 West. There is considered to be no positional uncertainty associated with this 0.2 feet below grade per the Monroe County Surveyors Office Monument Record sheet. There is

set by Bledsoe, Riggert and Guerrettaz was found 0.4 feet above ground. A yellow "Survey Marker" sign monument set - A search was made at the quarry located on the Independent Limestone property and (placed by the Office of the Monroe Courty Surveyor) was posted nearby. However, no Monroe County Surveyors Office Monument Record sheet exists for this corner. There is considered to be no positional uncertainty associated with this corner.

Point #8820 - The northwest corner of the Northeast Quarter of Section 2 - This corner was reestablished by single proportionate measurement and marked with a 5/8" rebar with a plastic cap set 0.4 feet above grade.- No Monroe County Surveyors Office Monument Record sheet exists for this corner. There is considered to be no positional uncertainty associated with this corner.

Point #8827 - The southwest corner of the Southeast Quarter of Section 2 - A 1" iron pipe was found 0.2 feet above grade. No Monroe County Surveyors Office Monument Record sheet exists for this corner. However, a yellow "Survey Marker" sign (placed by the Office of the Monroe County Surveyor) was posted nearby. The positional uncertainty associated with this monument is unknown.

Point #8823 - The northeast corner of the Southwest Quarter of Section 2 - This corner was reestablished by a line-line intersection utilizing the corresponding quarter corners (Point numbers (5700, 8827, 8013 and 8820 from this plat) and marked with a 5/8" rebar with a plastic cap set 0.2 feet below grade.- No Monroe County Surveyors Office Monument Record sheet exists for this corner. It is not intended to the point of commencement for any adjacent properties or any other boundary description that might reference this corner. The positional uncertainty associated with this monument is unknown.

Section 1, Township 7 North, Range 2 West:

Point #6281 - The southeast corner of the Northwest Quarter of Section 1 - A 4" x 6" limestone monument was found 0.3 feet above grade per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #8811 - The southeast corner of the West Half of the Northwest Quarter of Section 1 - A mag spike monument set - This corner was reestablished by single proportionate measurement between point was found flush with grade. Per a survey for John Elgar performed by Steven Archer (Instrument Number numbers 5778 and 5773. The uncertainty associated with this corner is unknown. 2004001228) a railroad spike is called for at this corner. No Monroe County Surveyors Office Monument Record sheet exists for this corner. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Half-Quarter Section, there may be as much as 0.1 feet monument set - This corner was reestablished by single proportionate measurement between point of uncertainty associated with this corner.

Point #6277 - The northeast corner of the West Half of the Northwest Quarter of Section 1 - A 5/8" rebar Point #8850 - The southwest corner of the Northeast Quarter of Section 31 - Calculated corner, no with a plastic cap set by Steven Archer was found 0.3 feet above grade per a survey for John Elgar performed by Steven Archer (Instrument Number 2004001228). No Monroe County Surveyors Office Monument Record sheet exists for this corner. Based on the surveyed distance versus the record distance (from the above mentioned survey) of the West Line of said Half-Quarter Section, there may be as much as 0.1 feet of uncertainty associated with this corner.

Section 36, Township 8 North, Range 2 West:

Point #5710 - The southeast corner of the Southwest Quarter of Section 36 - A 4" x 4" limestone monument was found 0.6 feet above grade per the Monroe County Surveyors Office Monument Record sheet. There is considered to be no positional uncertainty associated with this corner.

Point #8846 - The southeast corner of the Southeast Quarter of Section 36 - A fence post was found 4.5 feet above grade per the Final Plat Amendment One of Danny Abram Minor Subdivision (Plat Cabinet C, Envelope 34) was found and held as the best evidence of this corner. No Monroe County Surveyors Office Monument Record sheet exists for this corner. The uncertainty associated with this corner is unknown

Point #5764 - The northwest corner of the Southwest Quarter of Section 36 - A 4" x 6" stone was found 0.2 feet above grade per a survey for Charles Davies performed by Bledsoe Tapp and Riggert (Instrument Number 2004020004) & a survey for South Union Christian Church performed by Richard E. Waltrip (Plat Cabinet S, Envelope 53). No Monroe County Surveyors Office Monument Record sheet exists for this corner. The uncertainty associated with this corner is unknown.

Point #8821 - The northeast corner of the Southwest Quarter of Section 36 - A 5/8" rebar with a plastic cap was set flush with grade by Beam, Longest and Neff. Said corner was established by locating the northwest, southwest and southeast corners of said Quarter Section and holding the geometry per a survey for Charles Davies performed by Bledsoe Tapp and Riggert (Instrument Number 2004020004). No Monroe County Surveyors Office Monument Record sheet exists for this corner. The uncertainty

Point #5312 - The northeast corner of the Southeast Quarter of Section 36 - A railroad spike was found 0.1 feet below grade and held as the best evidence of the location of this corner per a survey for Mark Freeman (recorded in Survey Cabinet S1, Envelope 301) performed by Bledsoe, Tapp & Riggert, Inc. No Monroe County Surveyors Office Monument Record sheet exists for this corner. However, a yellow "Survey Marker" sign (placed by the Office of the Monroe County Surveyor) was posted nearby. The uncertainty associated with this corner is unknown.

Point #5759 - The northwest corner of the Northwest Quarter of Section 36 - A ½" iron pipe was found considered to be no positional uncertainty associated with this corner.

Point #6318 - The southeast Quarter of Section 2 - A 5/8" rebar with a plastic cap Point #8824 - The northwest corner of the Northeast Quarter of Section 36 - Calculated corner, no

Point #8853 - The northeast corner of the Northeast Quarter of Section 36 - No monument was set as the calculated position fell within an existing fence post. Said corner was established by locating the references from the Monroe County Surveyors Office Monument Record sheet for this corner. A search was made for a stone (per said sheet), but nothing was found. There may be as much as 1.0 feet of error based upon the references located and used to reestablish this corner.

Section 31, Township 8 North, Range 1 West:

Point #8852 - The northwest corner of the Northwest Quarter of Section 31 - Calculated corner - A 5/8" rebar with a plastic cap was set 0.4 feet above grade by Beam, Longest and Neff was placed 20.46 feet (31 links per the GLO notes for this corner) south of the northeast corner of Section 36, Township 8 North, Range 2 West, and on the East Line of the Northeast Quarter of said Section 36. Per a survey titled "Hacker Administrative Subdivision" (Instrument Number 2000008067) performed by Bledsoe, Tapp & Riggert, Inc. there may be as much as 0.7 feet of uncertainty associated with this corner.

Point #8848 - The northwest corner of the Northeast Quarter of Section 31 - An 8" diameter wooden fence post was found 4.5 feet above grade per a survey for Mark Freeman (recorded in Survey Cabinet S1, Envelope 301) performed by Bledsoe, Tapp & Riggert, Inc. No Monroe County Surveyors Office Monument Record sheet exists for this corner. The uncertainty associated with this corner is unknown.

Point #5778 - The northeast corner of the Northeast Quarter of Section 31 - A 5/8" rebar with a plastic cap set by Smith Neubecker and Associates was found flush with grade and held as the best evidence as this corner. The uncertainty associated with this corner is unknown.

Point #8849 - The southeast corner of the Northeast Quarter of Section 31 - Calculated corner, no

Point #8851 - The southeast corner of the Southwest Quarter of Section 31 - Calculated corner, no numbers 8846 and 5773. The uncertainty associated with this corner is unknown.

monument set - Per a survey for Victor Oolitic Stone Company (recorded in Survey Cabinet S1, Envelope 333) performed by Bledsoe, Tapp & Riggert, Inc., a railroad spike on the North Line of the Southwest Quarter of Section 31 was found and held to establish said line. Said railroad spike was found in the intersection of Tramway Road and Victor Pike. The North Line of said quarter section was then extended easterly to its intersection run between the north and south quarter corners of Section 31 thus creating this corner. The uncertainty associated with this corner is unknown.

Point #5773 - The southeast corner of the Southeast Quarter of Section 31 - A 5/8" rebar with a plastic cap set by Bledsoe, Tapp & Riggert, Inc. was found flush with grade per a survey for Rogers Group, Inc. (recorded in Survey Cabinet S1, Envelope 219). Said survey is the boundary for Ketcham Ridge Subdivision. The uncertainty associated with this corner is unknown.

JOB NUMBER 101079 SURVEY STARTED APRIL 04, 2011 SURVEY COMPLETED MAY 17, 2011 ROUTE PLAT SHEETS OF 11

SURVEYOR STATEMENT THIS SURVEY, TO THE BEST OF MY KNOWLEDGE AND BELIEF, IS EXECUTED ACCORDING TO THE PROVISIONS OF 865 LA.C. 1-12-20 THROUGH 1-12-25 REGARDING ROUTE SURVEYS. EXCEPT THAT ANY DATA SHOWN REGARDING THE LOCATION OR DESCRIPTION OF THE EXISTING PARCELS IS NOT A

Beam, Longest and Neff, LLC 8126 Castleton Road, Indianapolis, IN 46250 Phone: 317.849.5832 www.B-L-N.com Fax: 317.841.4281



PREPARED	BY:	Dustik-Ball		5/25/11	
		REGISTERED	LAND	SURVEYOR	DATE
1,			***************************************		

DRAWN: JKR CHECKED: EJS

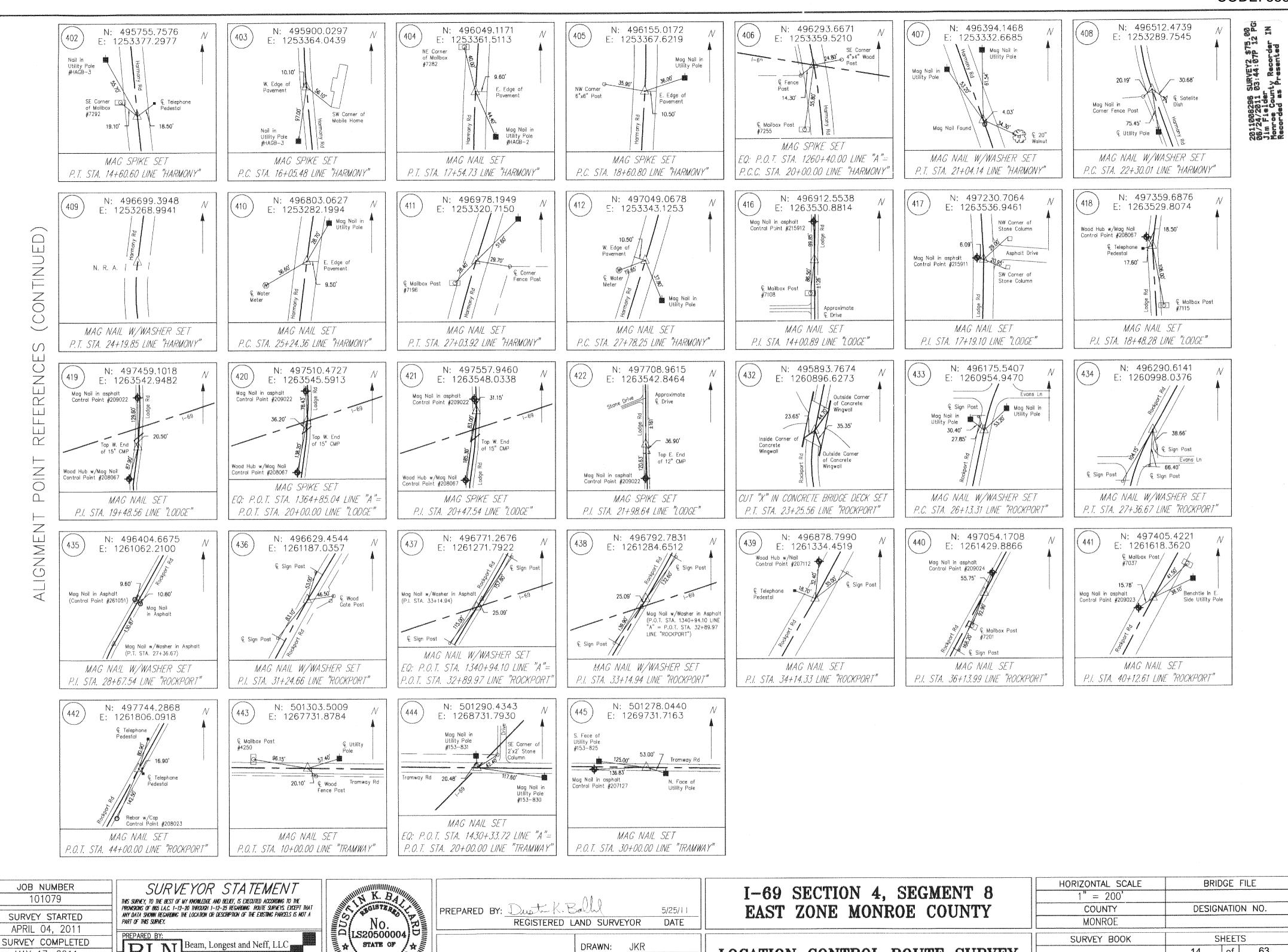
I-69 SECTION 4, SEGMENT 8 EAST ZONE MONROE COUNTY

LOCATION CONTROL ROUTE SURVEY

HORIZONTAL SCALE	BRIDGE FILE		
1" = 200'			
COUNTY	DESIGNATION NO.		
MONROE			
SURVEY BOOK	SHEETS		
	13	of	63
CONTRACT	PROJECT NO.		VO.

of 63

PROJECT NO.



CHECKED: EJS

Consulting Engineers, Land Surveyors, Land Planners & Landscape Architects

Fax: 317.841.4281

SURVE

MAY 17, 2011

ROUTE PLAT SHEETS

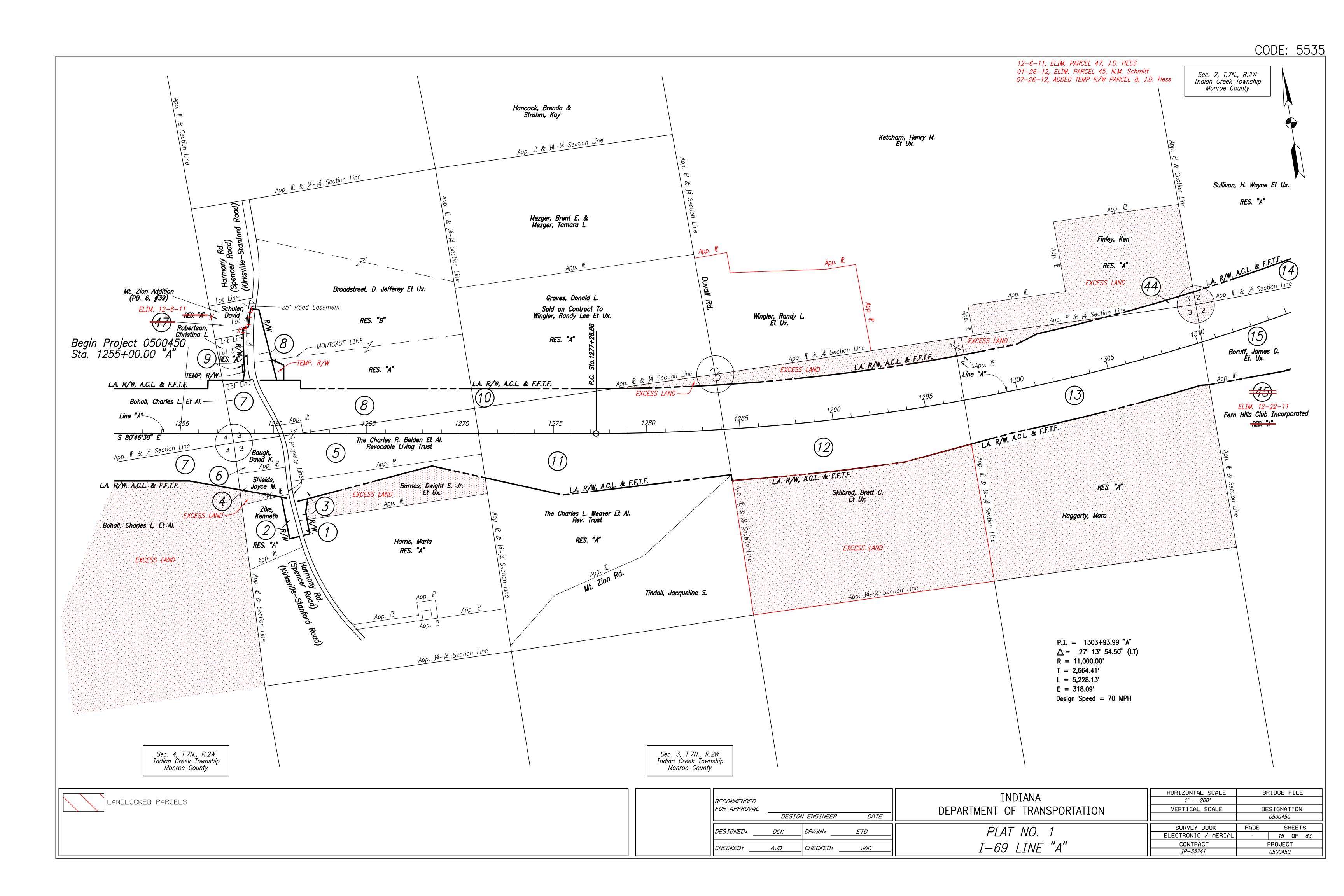
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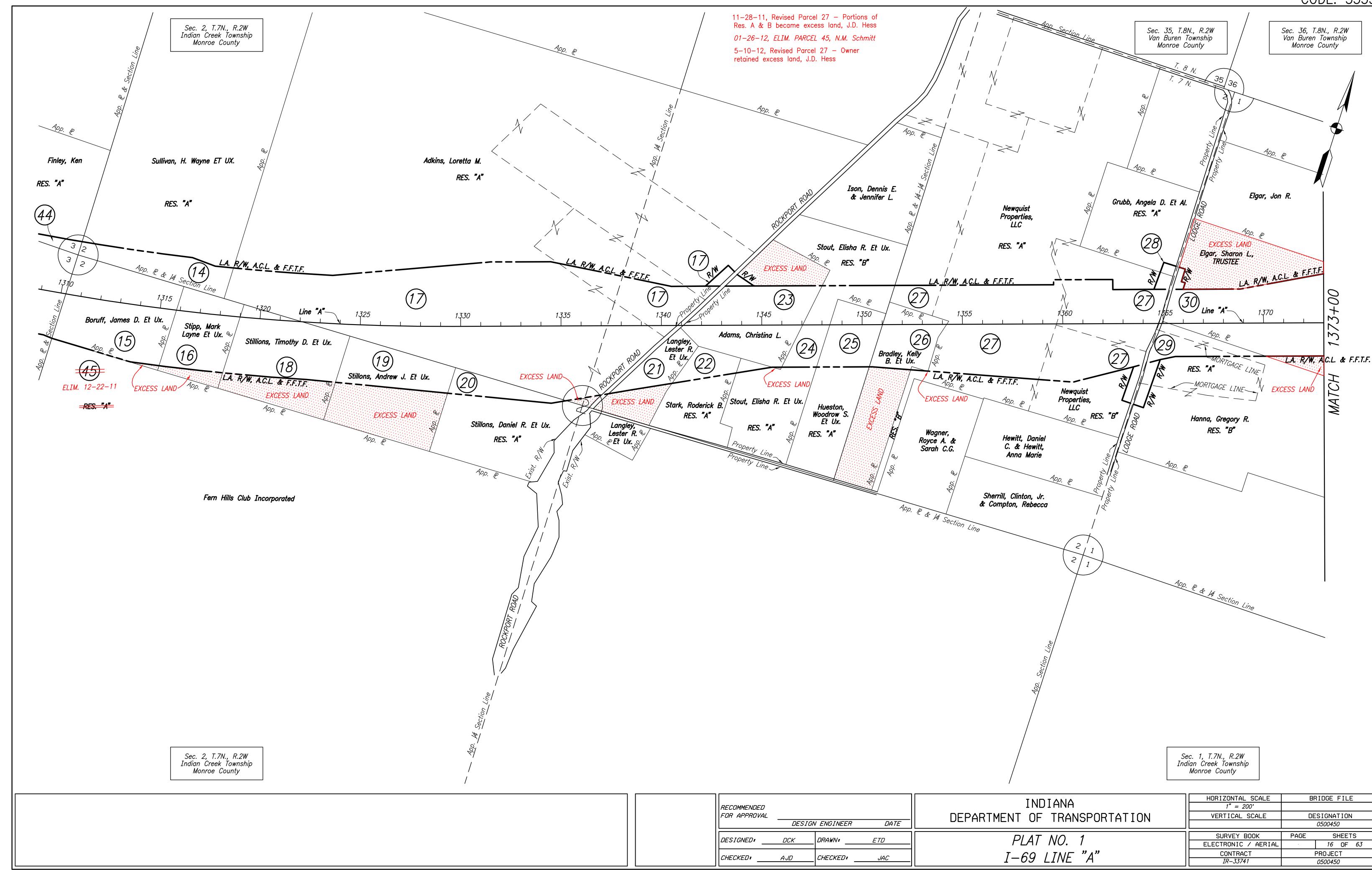
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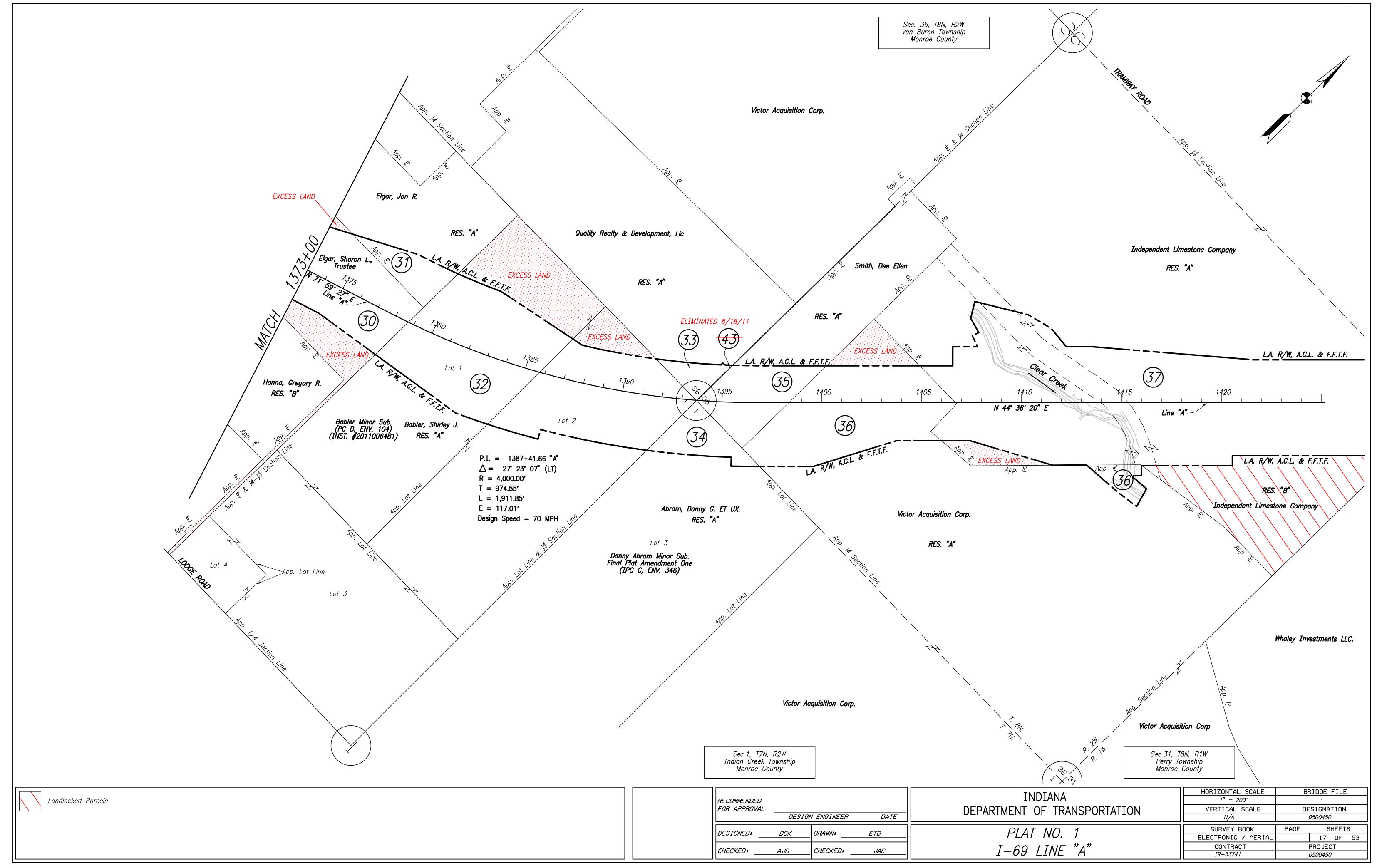
Phone: 317 849 5832

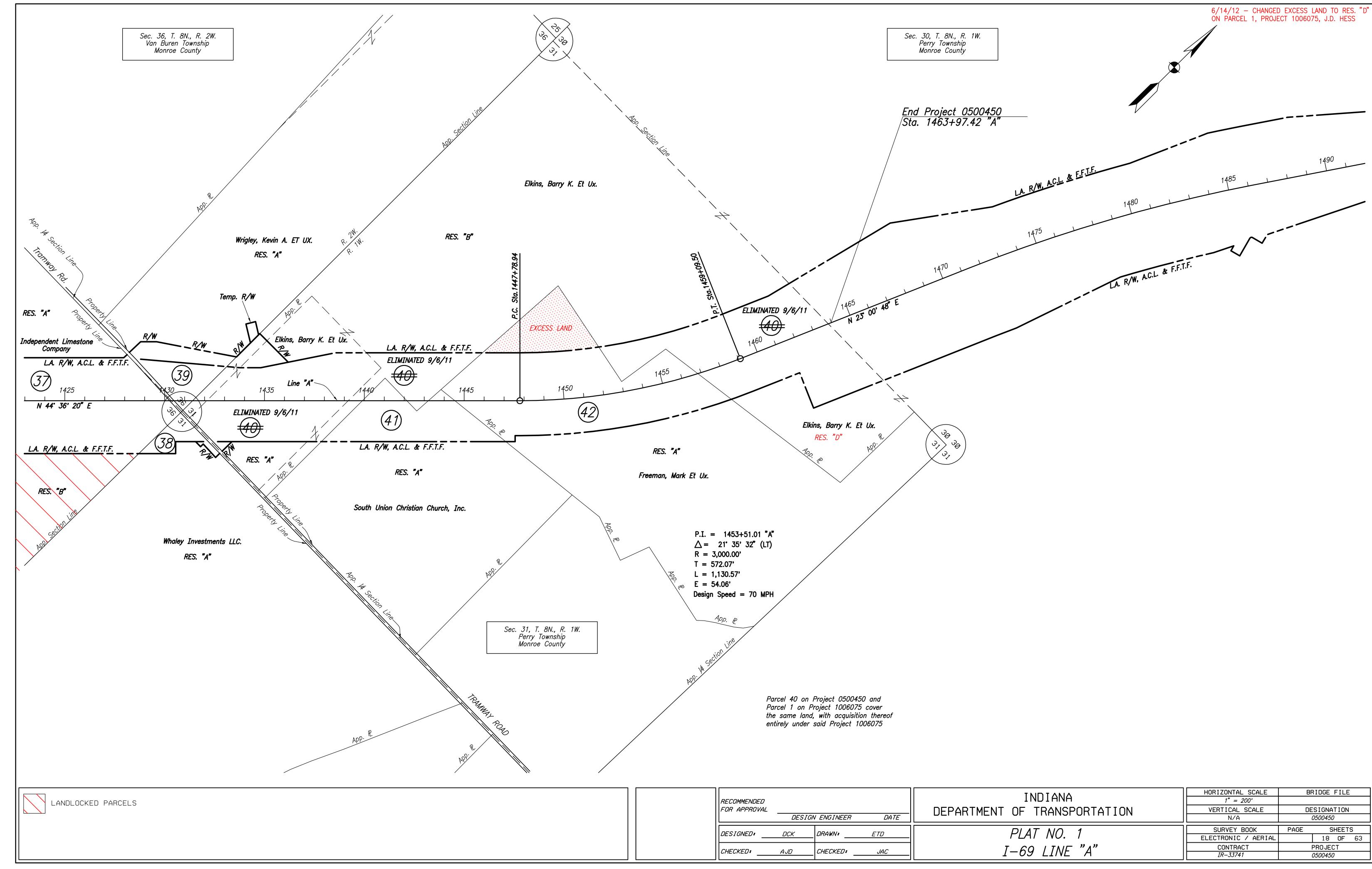
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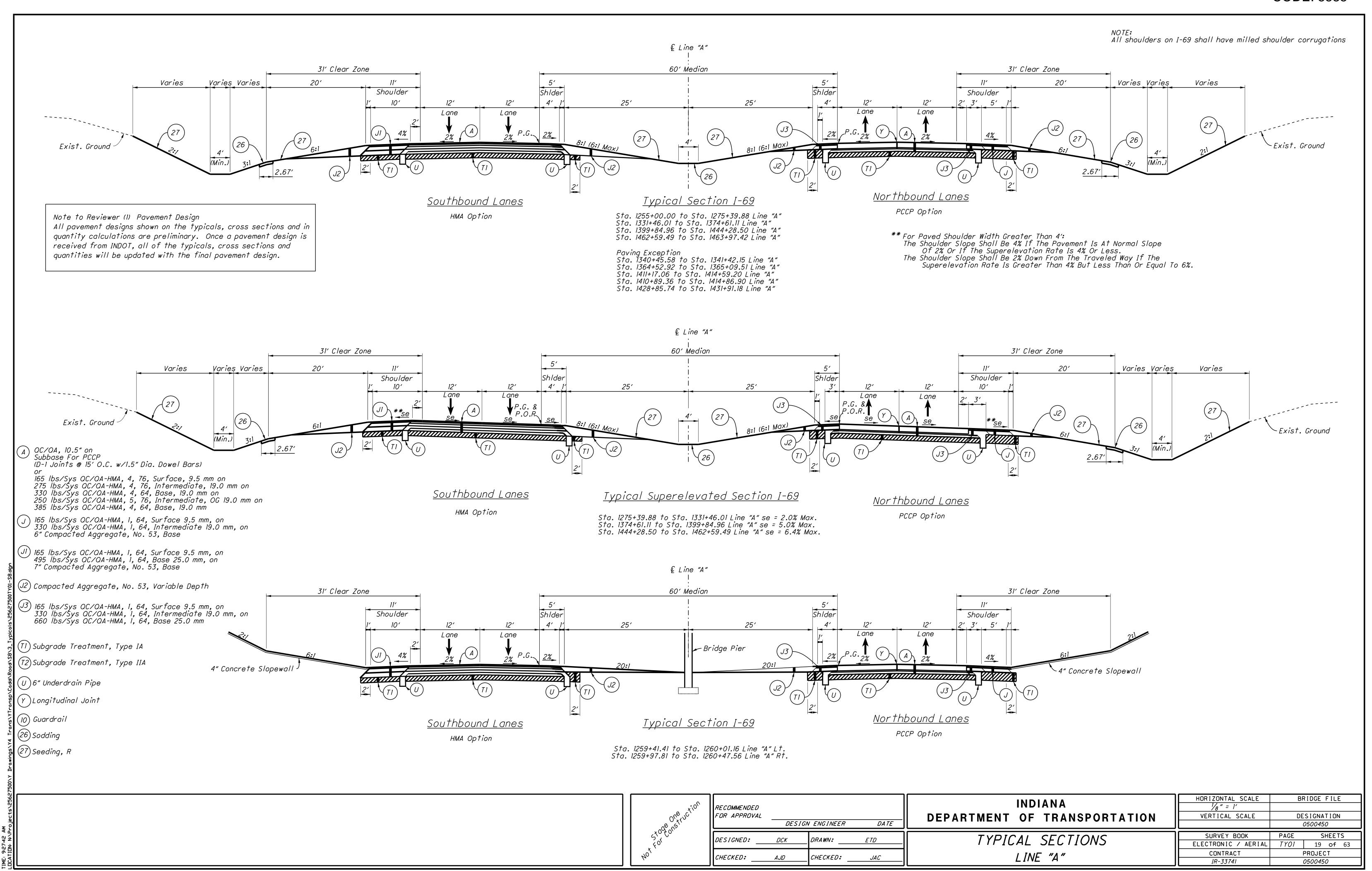
LOCATION CONTROL ROUTE SURVEY





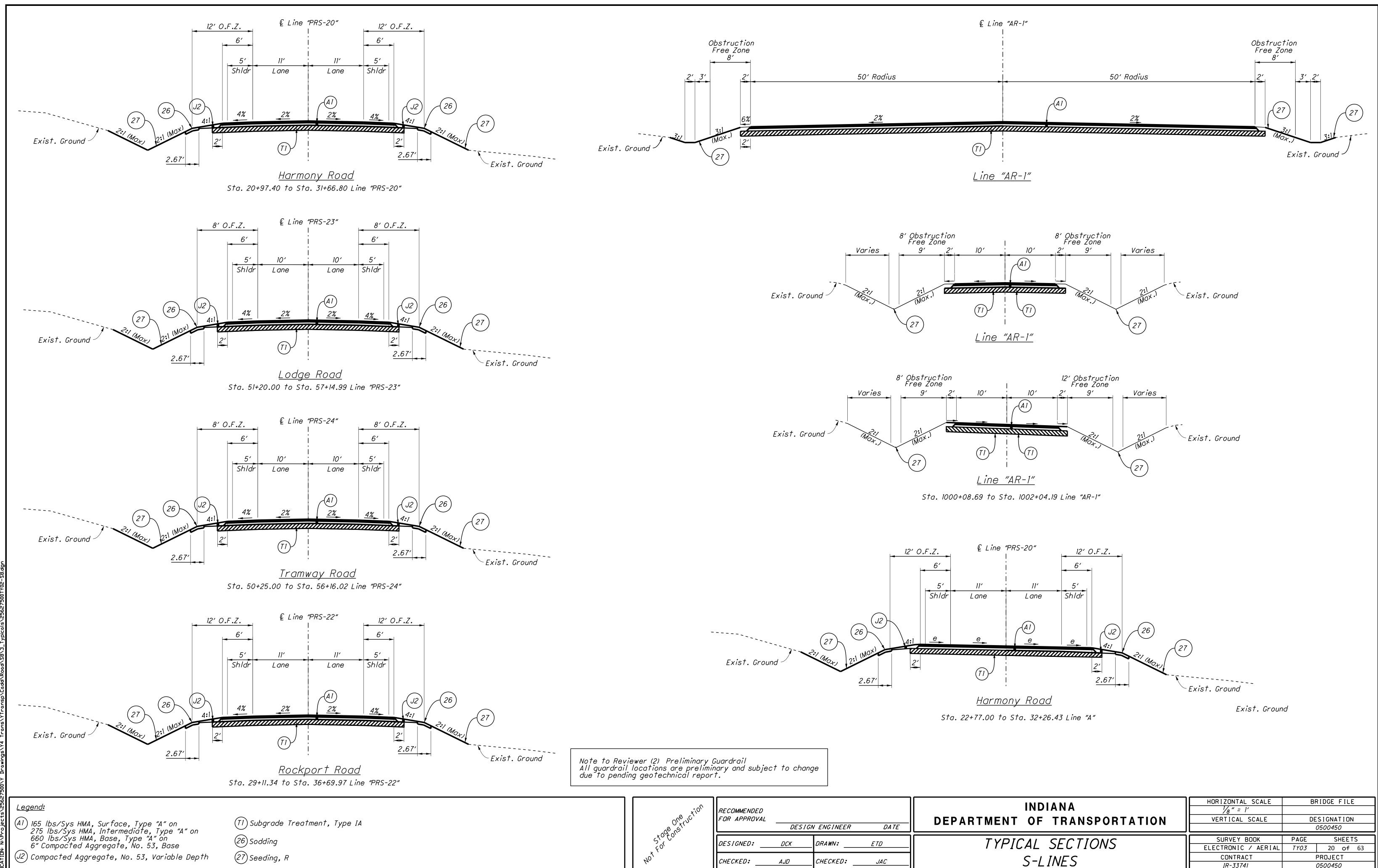






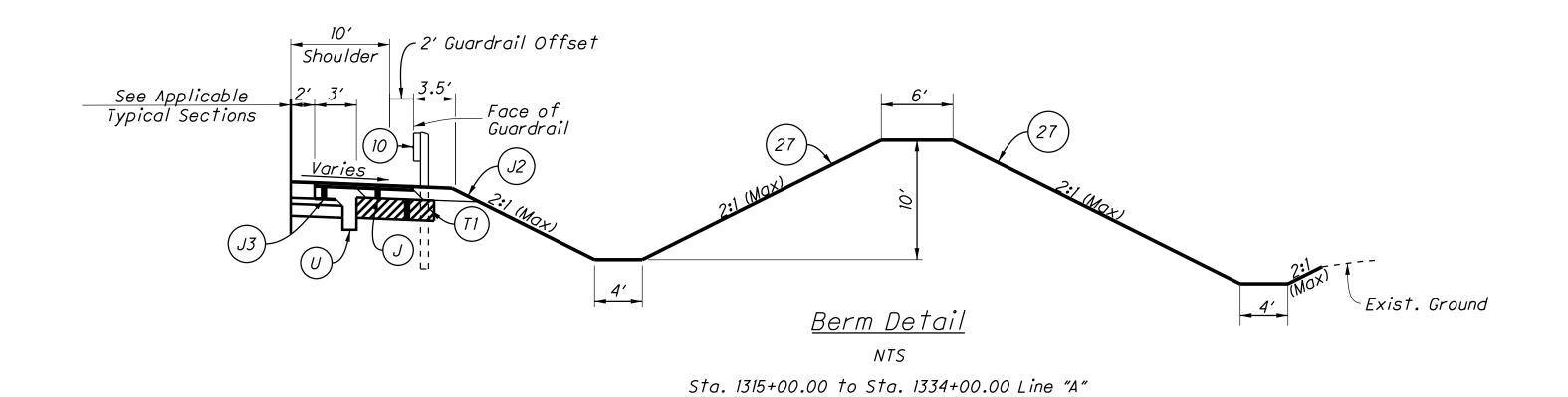
IR-33741

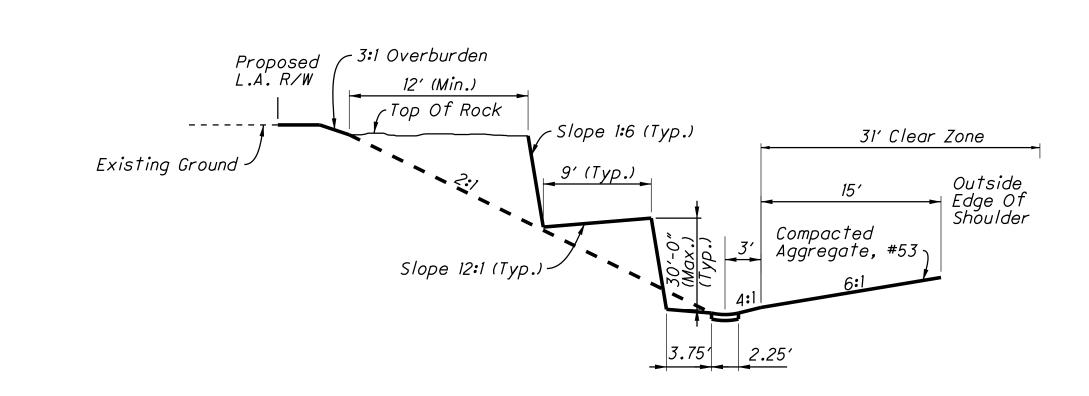
0500450

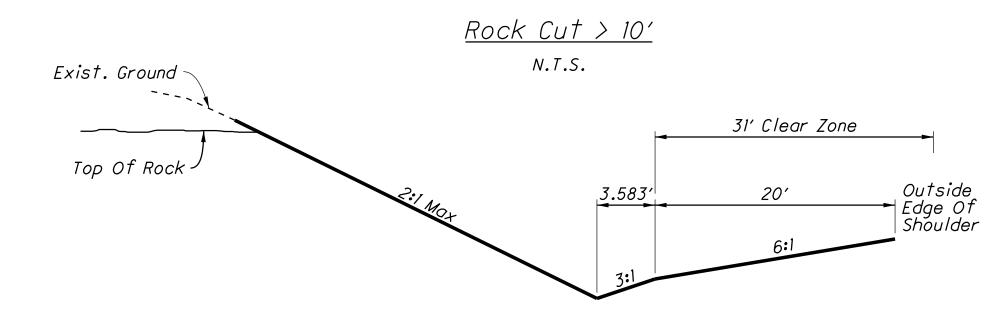


Typical Rock Cut Section I-69
N.T.S.

Optional HMA Shoulder W/Underdrain Detail In Rock Cut



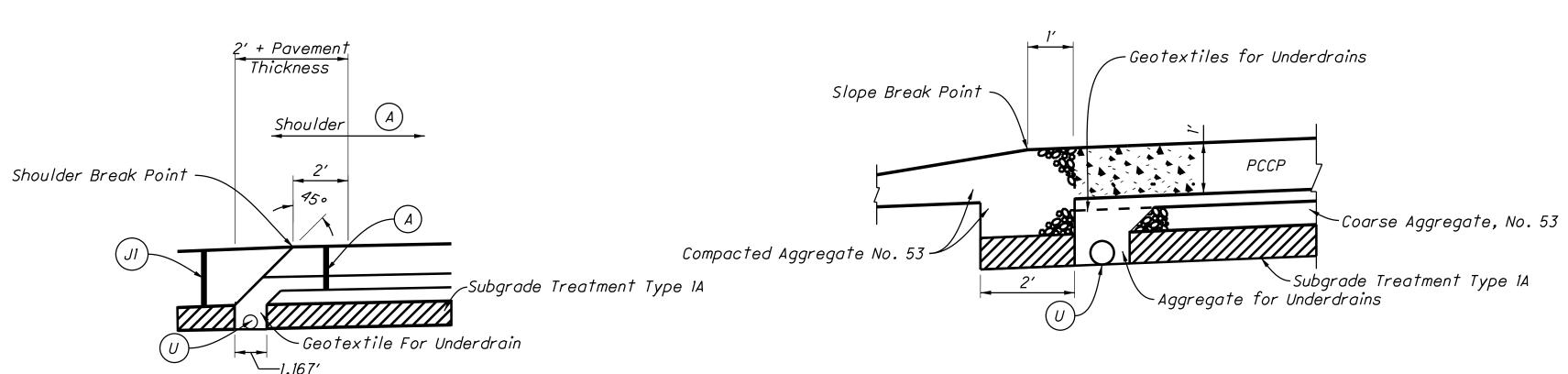




Rock Cut < 10'

<u>Legend:</u>

- A QC/QA, 10.5" on Subbase For PCCP (D-1 Joints @ 15' O.C. w/1.5" Dia. Dowel Bars)
 - or 165 lbs/Sys QC/QA-HMA, 4, 76, Surface, 9.5 mm on 275 lbs/Sys QC/QA-HMA, 4, 76, Intermediate, 19.0 mm on 330 lbs/Sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 250 lbs/Sys QC/QA-HMA, 5, 76, Intermediate, OG 19.0 mm on 385 lbs/Sys QC/QA-HMA, 4, 64, Base, 19.0 mm
- J 165 lbs/Sys QC/QA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys QC/QA-HMA, 1, 64, Intermediate 19.0 mm, on 6" Compacted Aggregate, No. 53, Base
- (JI) 165 lbs/Sys QC/QA-HMA, 1, 64, Surface 9.5 mm, on 495 lbs/Sys QC/QA-HMA, 1, 64, Base 25.0 mm, on 7" Compacted Aggregate, No. 53, Base
- U)6" Underdrain Pipe



Optional PCCP Shoulder w/Underdrain Detail In Rock Cut N.T.S.

Exist. Ground	7′	5′	
Top of Rock	Ditch Bottom - 6:1	6:1	Outside Edge Of Shoulder
	20'		
'	Clear Zone		1

Rock Cut < 10' (Modified) N.T.S.

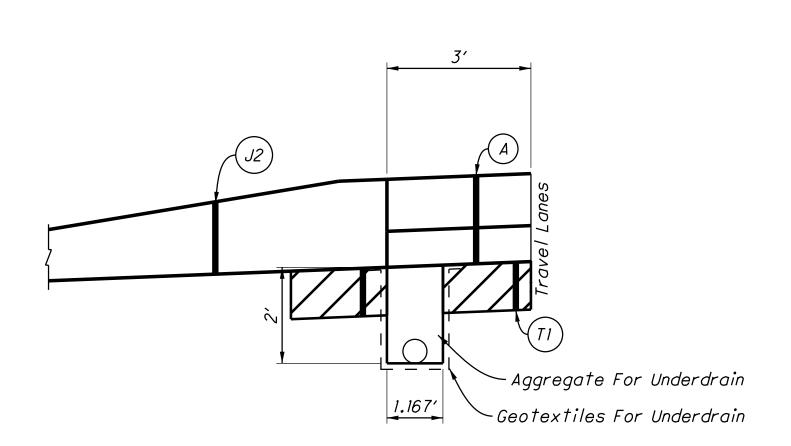
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RECOMMENDED FOR APPROVAL		V ENGINEER	DATE
DESIGNED:	DCK	DRAWN:	ETD
CHECKED:	AJD	CHECKED:	JAC

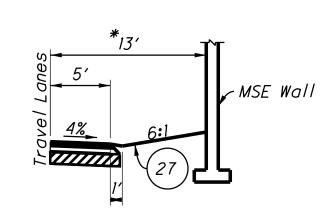
	INDIANA	HORIZONTAL SCALE NTS	BRIDGE FILE		
	DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION		
			0500450		
	TYPICAL SECTIONS	SURVEY BOOK	PAGE SHEETS		
	TIFICAL SECTIONS	ELECTRONIC / AERIAL	<i>TY03</i> 21 of 63		
	I INF "A"	CONTRACT	PROJECT		
	LINE A	IR-33741	0500450		

DATE: 11/16/2011 TIME: 9:27:44 AM | DCATION: N:\Backsign + c\25

<u>Underdrain Detail At Median Shoulder Adjacent To HMA Travel Lanes</u>
N.T.S.



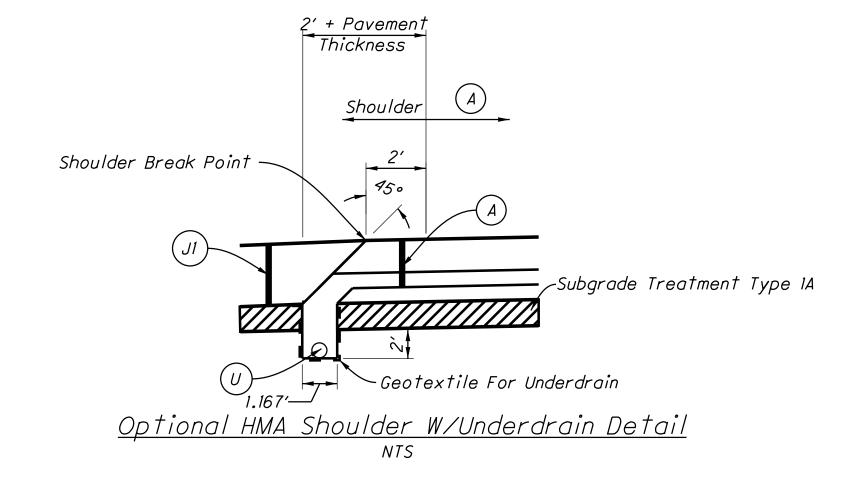
<u>Underdrain Detail At Median Shoulder Adjacent To PCCP Travel Lanes</u>
N.T.S.

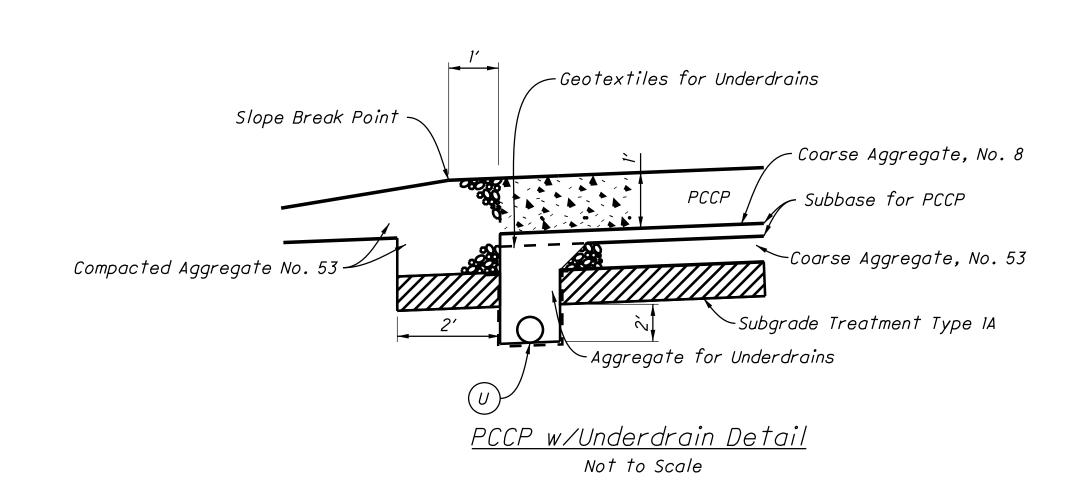


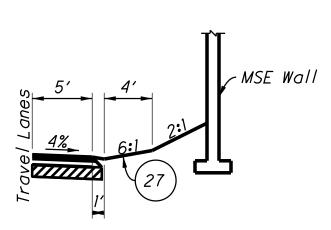
<u>Outside Shoulder</u>

NTS

* Varies 10' to 13'
Sta. 31+55.82 to Sta. 33+64.87 Line "PRS-22" Lt.
Sta. 32+15.43 to Sta. 34+23.61 Line "PRS-22" Rt.
Sta. 53+56.39 to Sta. 55+04.39 Line "PRS-23" Lt.
Sta. 53+71.49 to Sta. 55+18.94 Line "PRS-23" Rt.







<u>Outside Shoulder</u>

NTS

Sta. 52+03.25 to Sta. 53+89.78 Line "PRS-24" Lt. Sta. 51+66.84 to Sta. 53+52.17 Line "PRS-24" Rt.

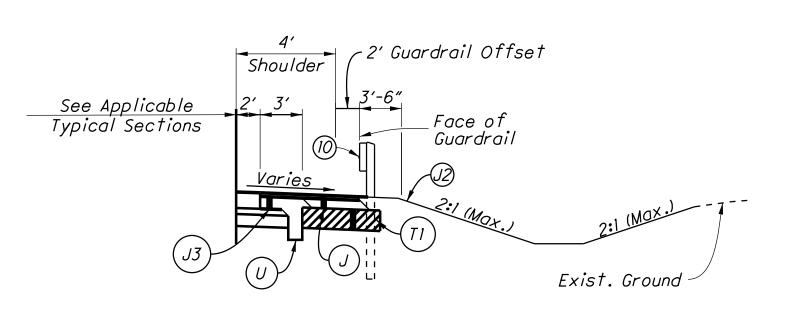
<u>Legend:</u>

A OC/OA, 10.5" on Subbase For PCCP (D-1 Joints @ 15' O.C. w/1.5" Dia. Dowel Bars)

or 165 lbs/Sys QC/QA-HMA, 4, 76, Surface, 9.5 mm on 275 lbs/Sys QC/QA-HMA, 4, 76, Intermediate, 19.0 mm on 330 lbs/Sys QC/QA-HMA, 4, 64, Base, 19.0 mm on 250 lbs/Sys QC/QA-HMA, 5, 76, Intermediate, OG 19.0 mm on 385 lbs/Sys QC/QA-HMA, 4, 64, Base, 19.0 mm

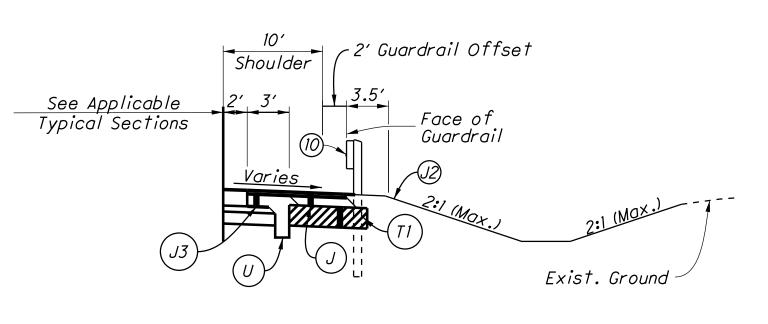
- J 165 lbs/Sys QC/QA-HMA, 1, 64, Surface 9.5 mm, on 330 lbs/Sys QC/QA-HMA, 1, 64, Intermediate 19.0 mm, on 6" Compacted Aggregate, No. 53, Base
- (J1) 165 lbs/Sys QC/QA-HMA, 1, 64, Surface 9.5 mm, on 495 lbs/Sys QC/QA-HMA, 1, 64, Base 25.0 mm, on 7" Compacted Aggregate, No. 53, Base

U)6" Underdrain Pipe



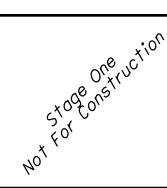
Median Shoulder w/Guardrail

Sta. 1336+38.60 to Sta. 1339+95.44 Line "A" Sta. 1341+92.54 to Sta. 1345+49.05 Line "A" Sta. 1407+93.40 to Sta. 144+05.90 Line "A" Sta. 1414+70.36 to Sta. 1417+82.86 Line "A"



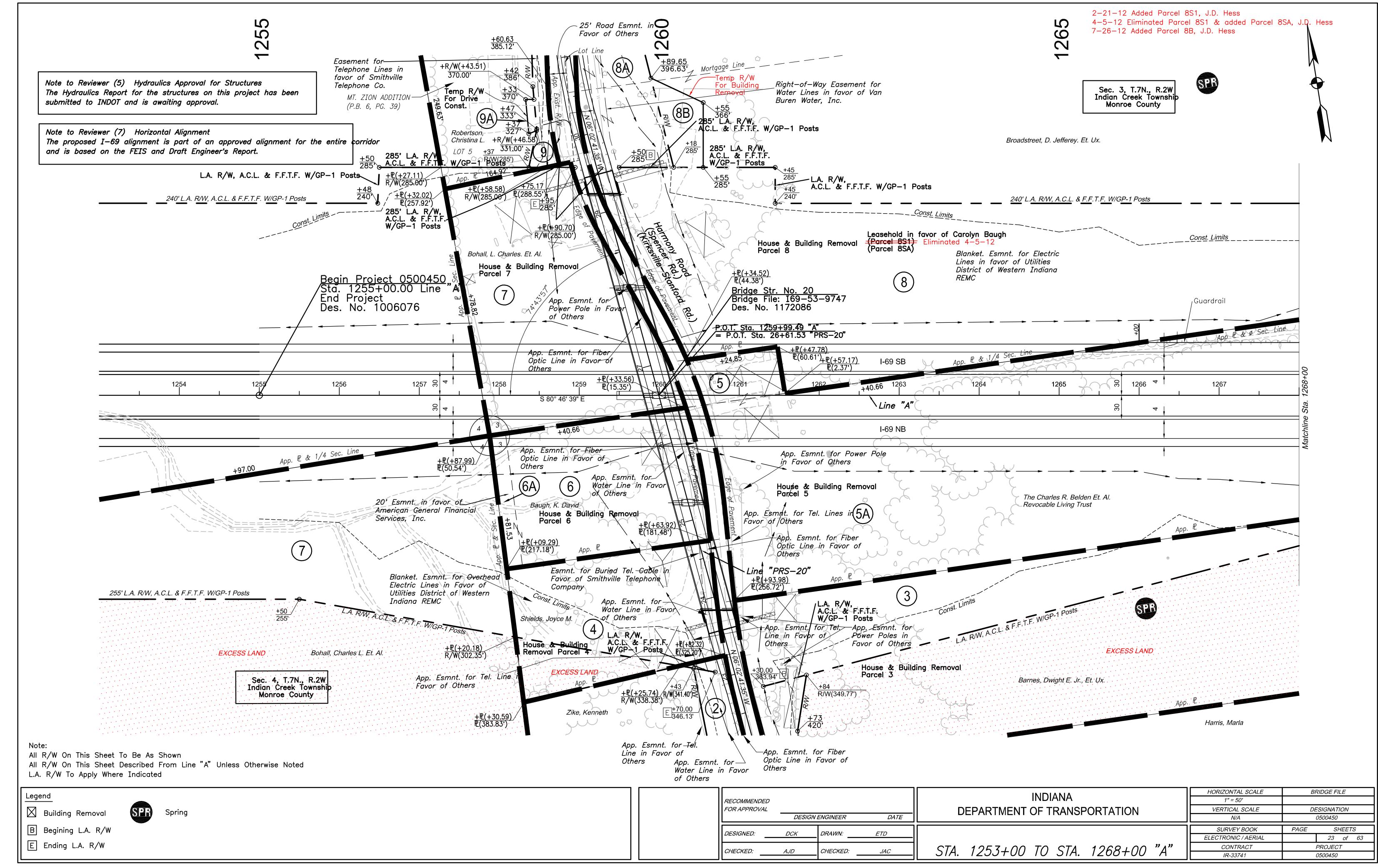
Outside Shoulder w/Guardrail

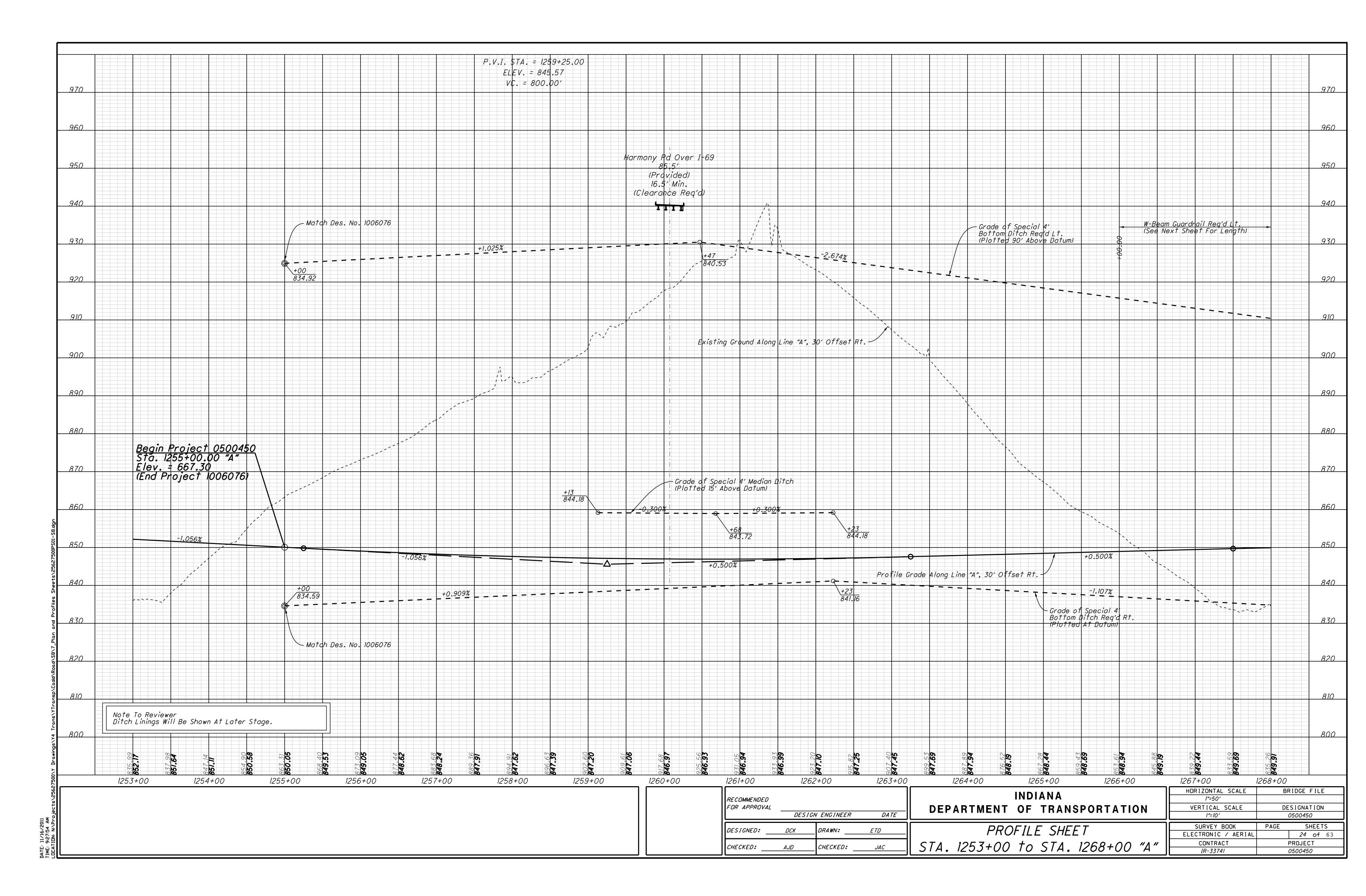
Sta. 1288+00.00 to Sta. 1289+50.00 Line "A" (Rt.) Sta. 1290+93.75 to Sta. 1339+49.04 Line "A" (Rt.) Sta. 1340+90.51 to Sta. 1372+00.00 Line "A" (Rt.) Sta. 1389+43.75 to Sta. 1411+42.40 Line "A" (Rt.) Sta. 1414+84.54 to Sta. 1456+00.00 Line "A" (Rt.) Sta. 1266+00.00 to Sta. 1276+06.25 Line "A" (Lt.) Sta. 1289+50.00 to Sta. 1341+09.43 Line "A" (Lt.) Sta. 1342+40.15 to Sta. 1375+56.25 Line "A" (Lt.) Sta. 1387+50.00 to Sta. 1410+91.72 Line "A" (Lt.) Sta. 1414+33.87 to Sta. 1444+56.25 Line "A" (Lt.)

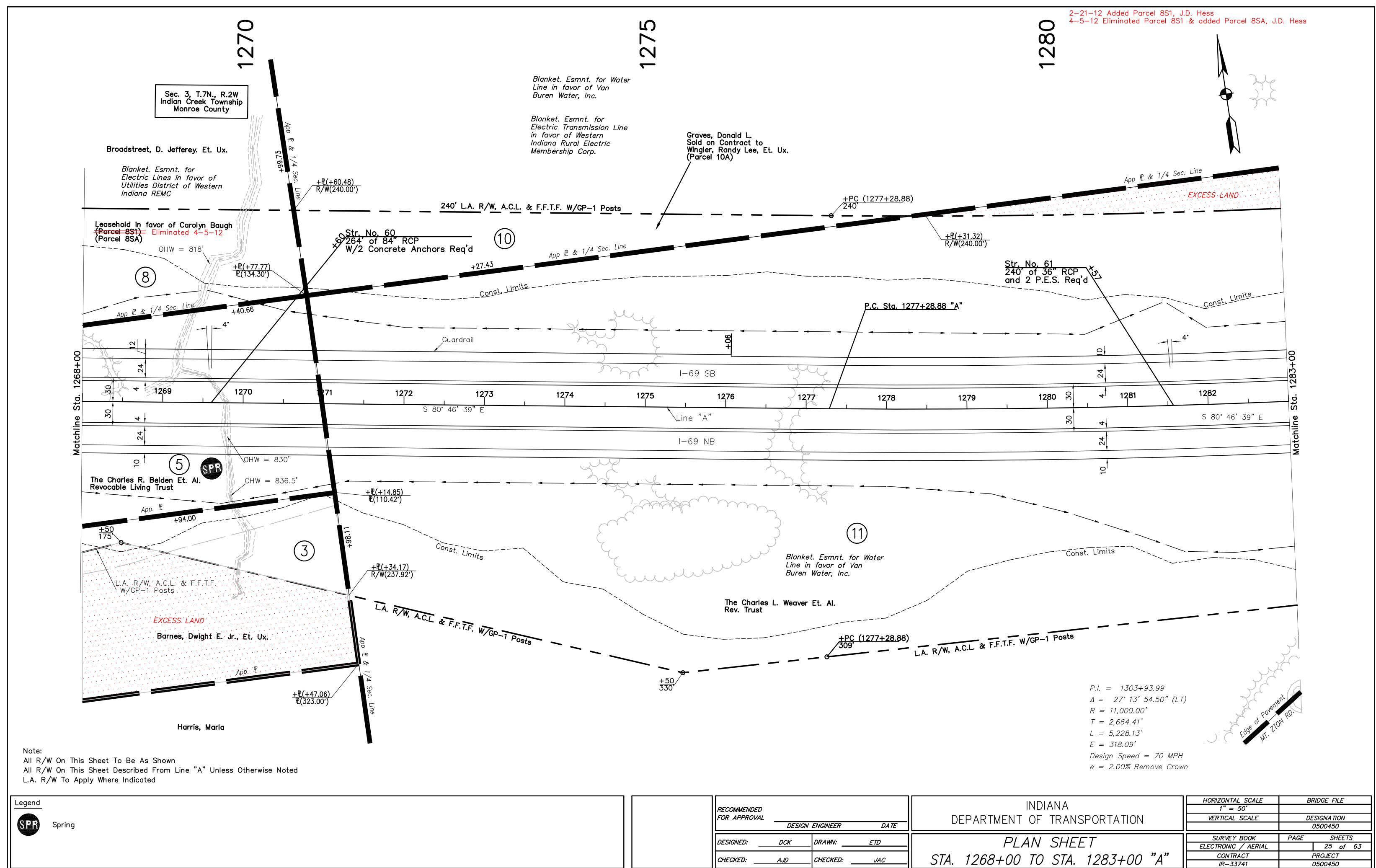


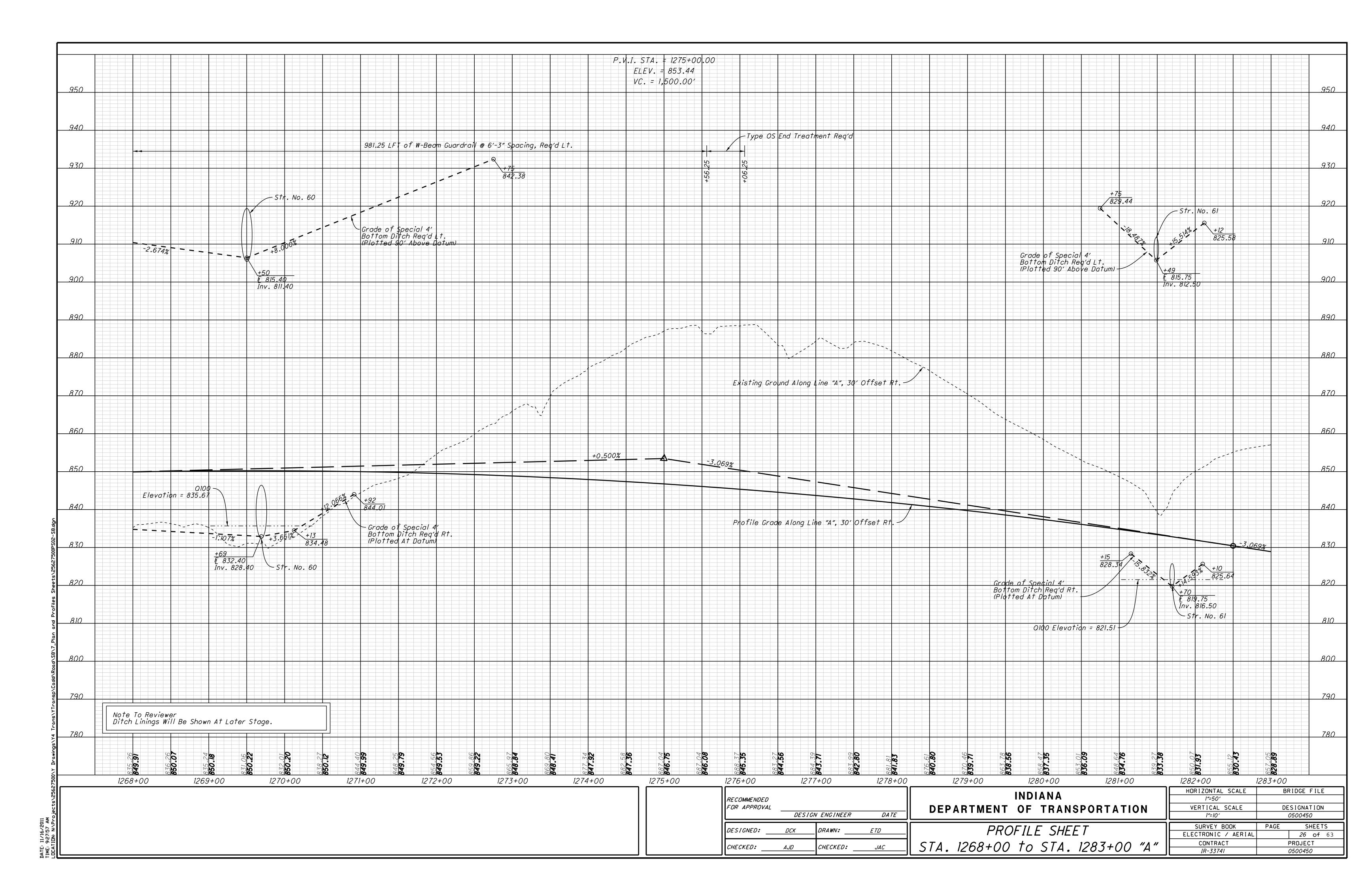
				INIDIANIA	HORIZONTAL SCALE		BRIDGE FILE	
RECOMMENDED				INDIANA	NTS			
FOR APPROVAL				DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION		
	DESIGN ENGINEER DATE		DATE	DEL ATTIMENT OF THATCH		0500450		
DESIGNED:	DCK	DRAWN:	ETD	TYDICAL SECTIONS	SURVEY BOOK	PAGE	SHEETS	
DE 316NED:	DCA	DRAWN.	EID	TYPICAL SECTIONS	ELECTRONIC / AERIAL	TY04	22 of 63	
CUECKED	AJD CH	CHECKED: JAC	LINE "A"	CONTRACT		PROJECT		
CHECKED:			LIIVE A	IR-33741		0500450		

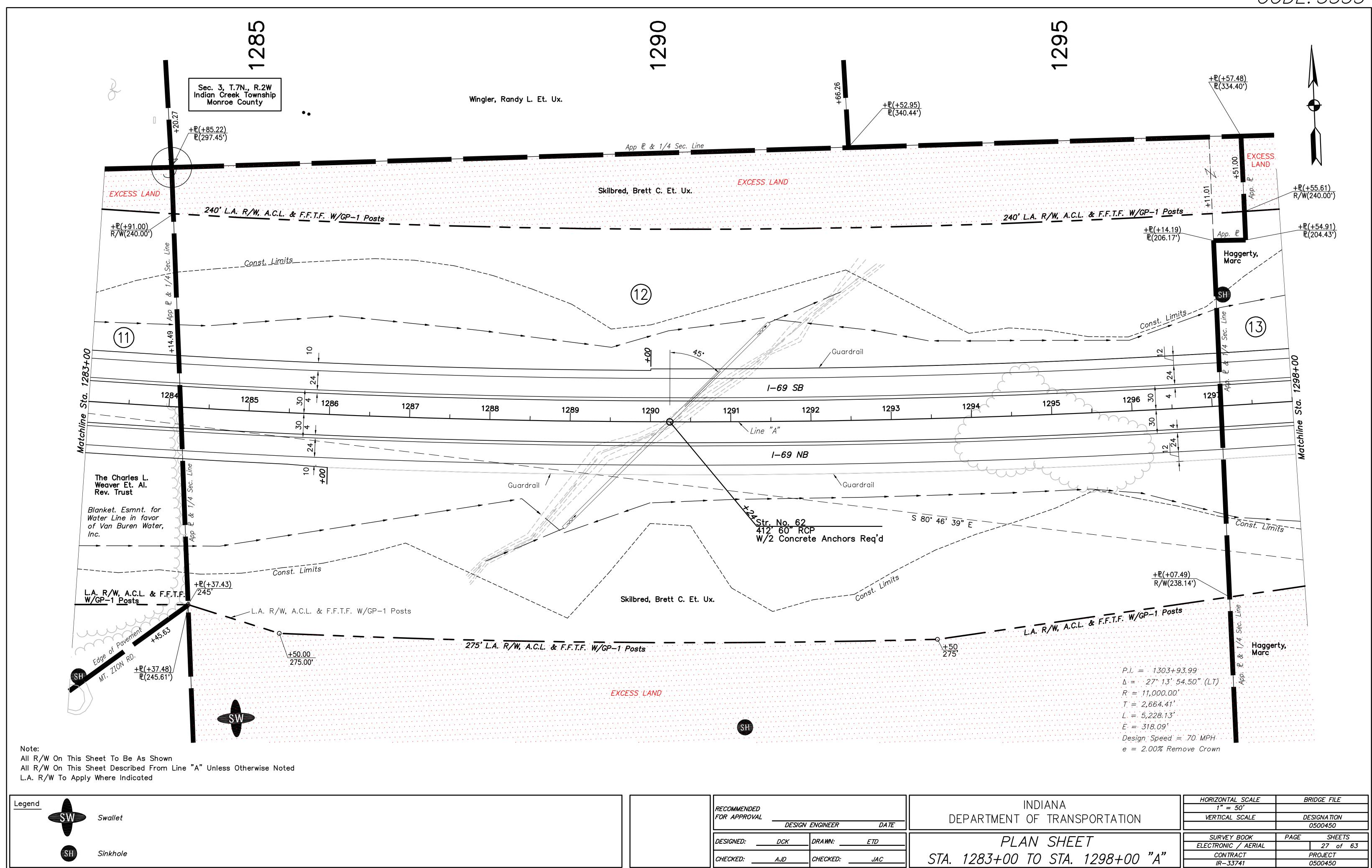
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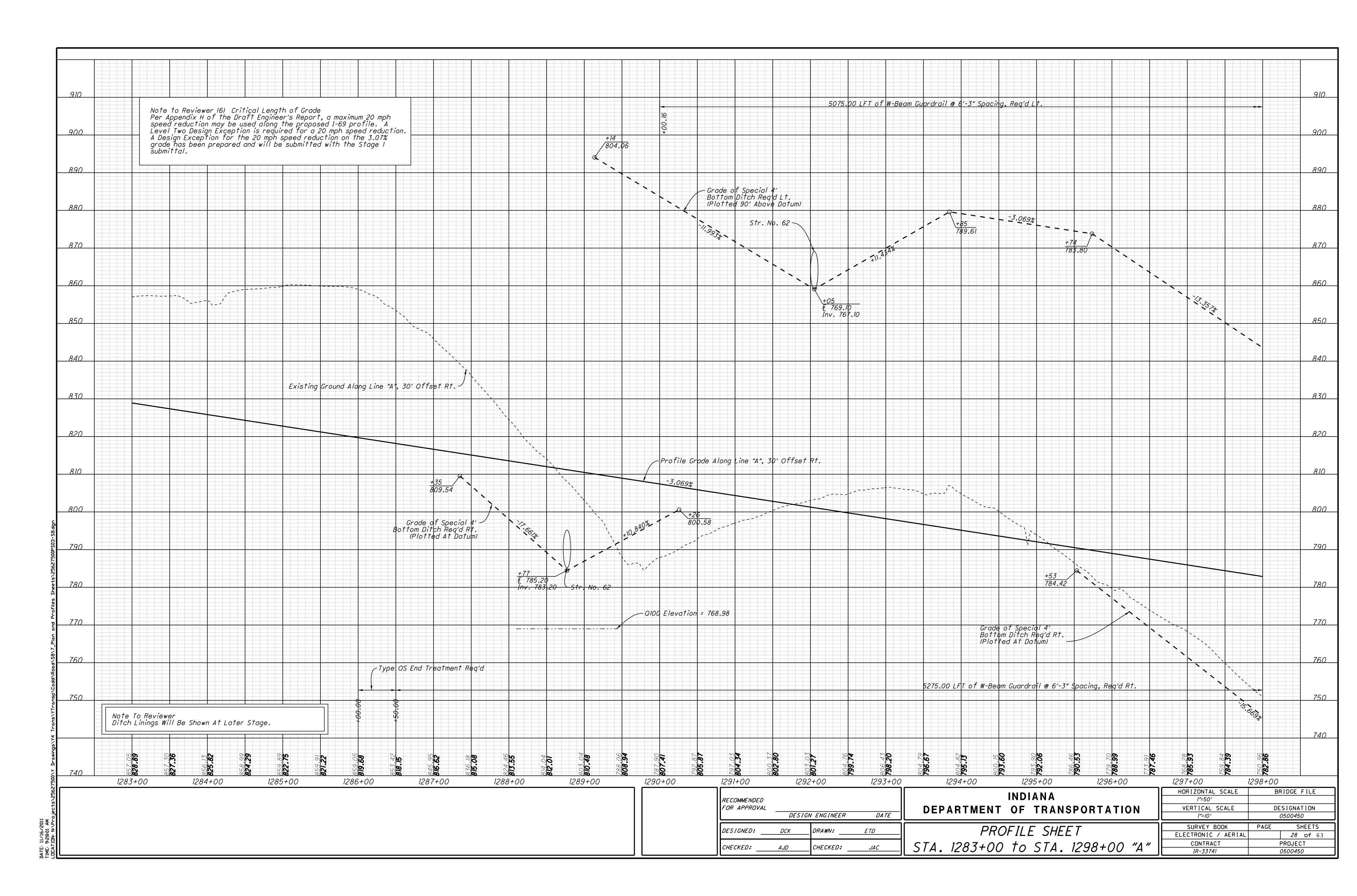


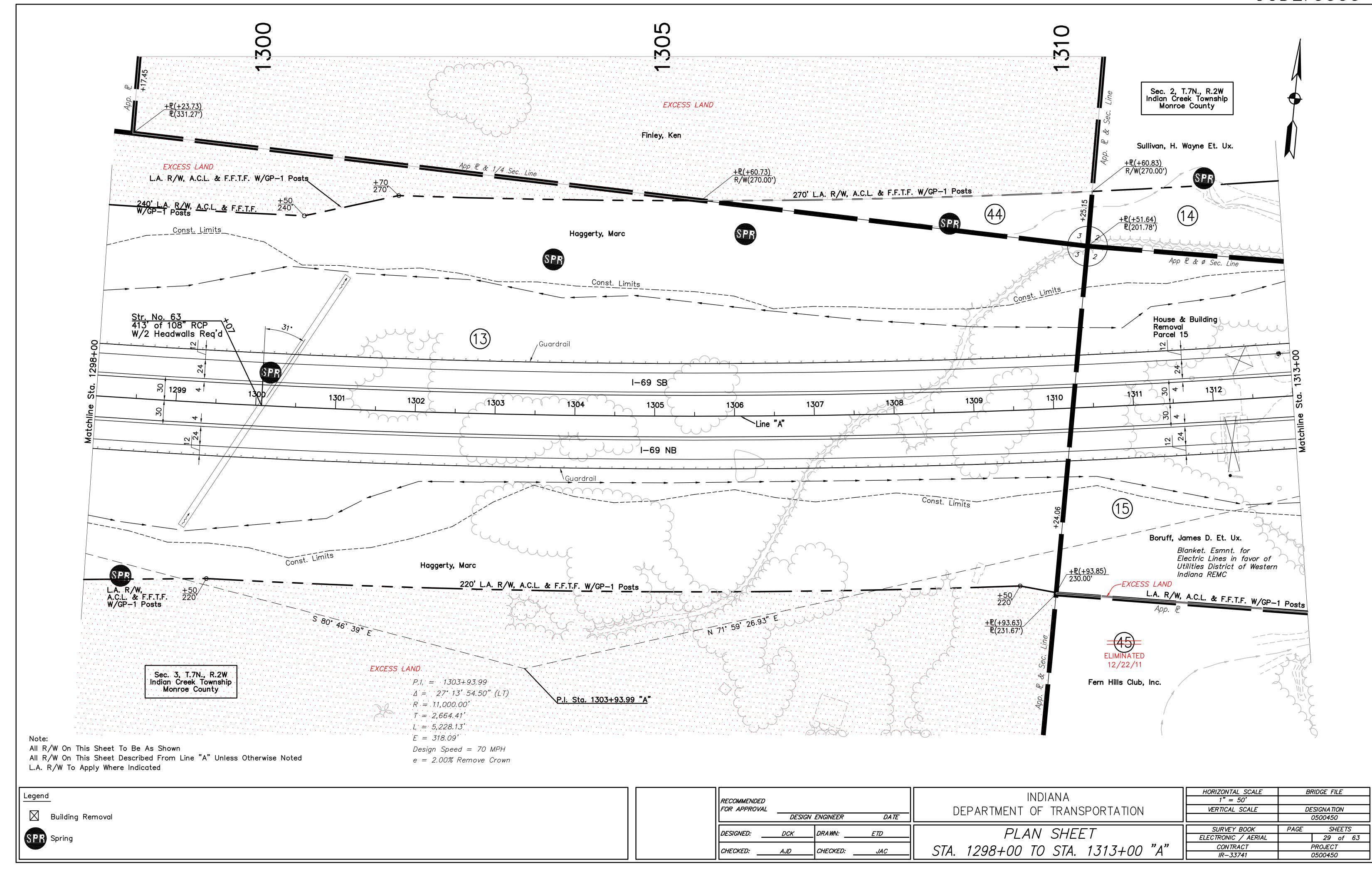


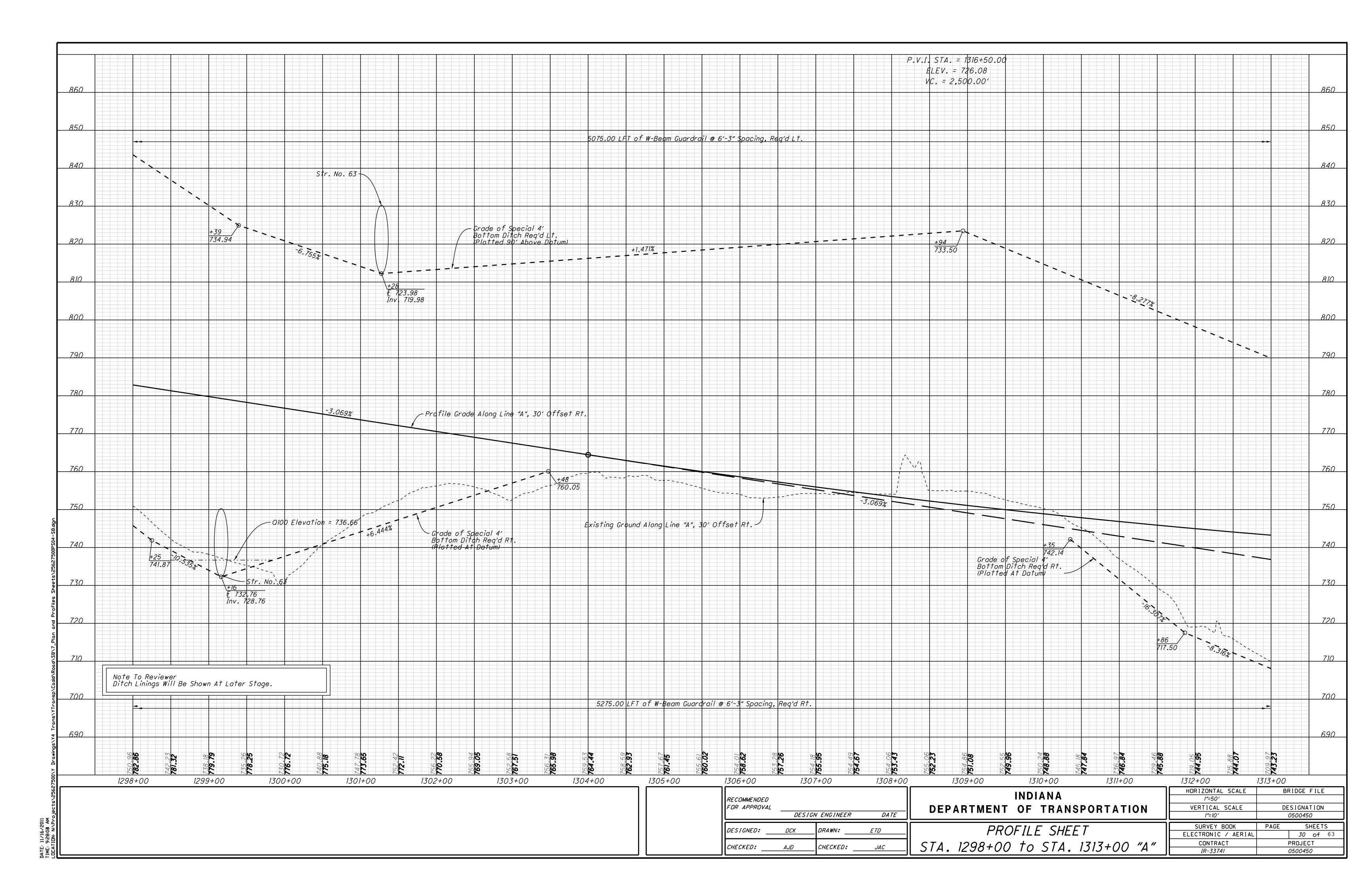


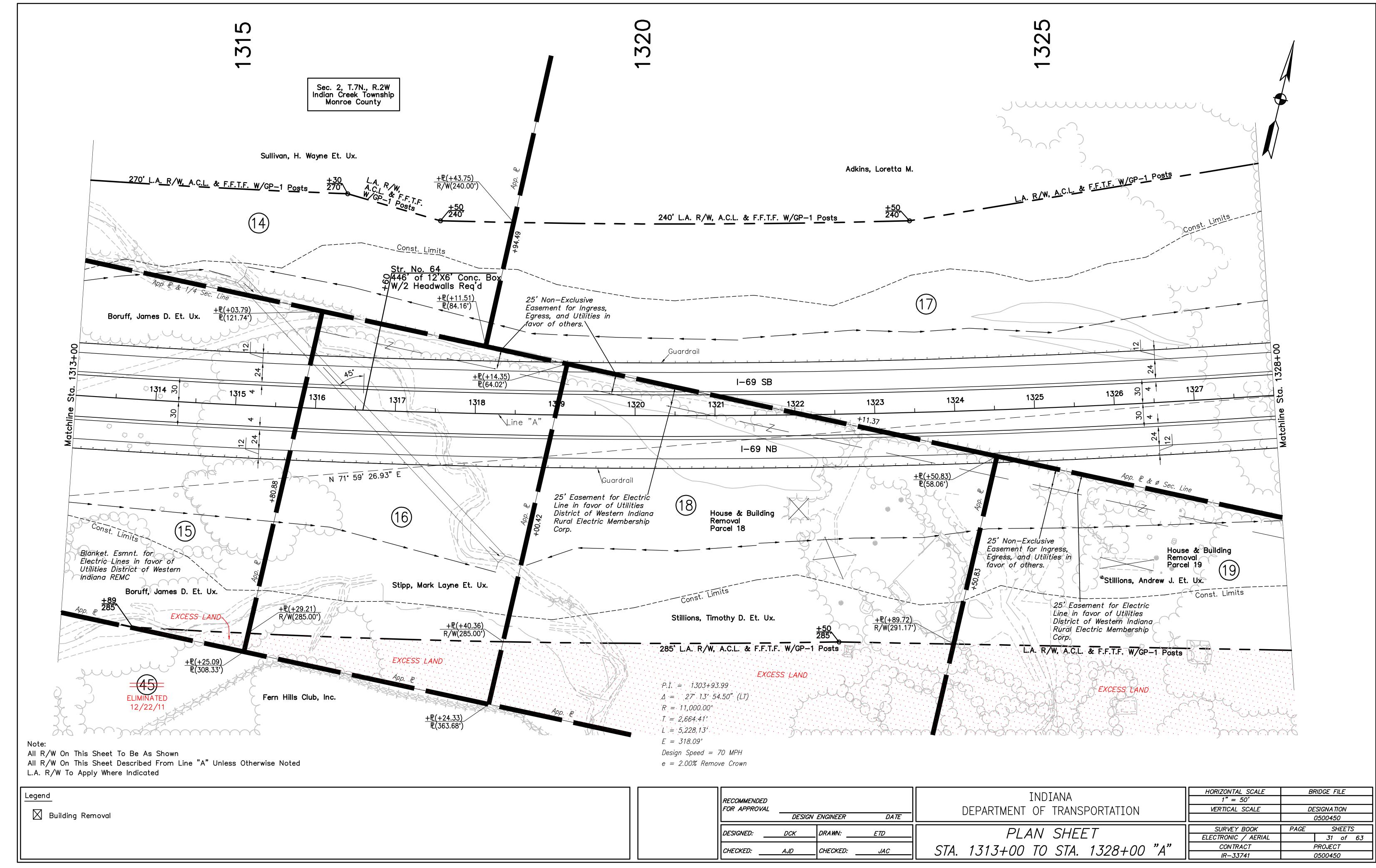


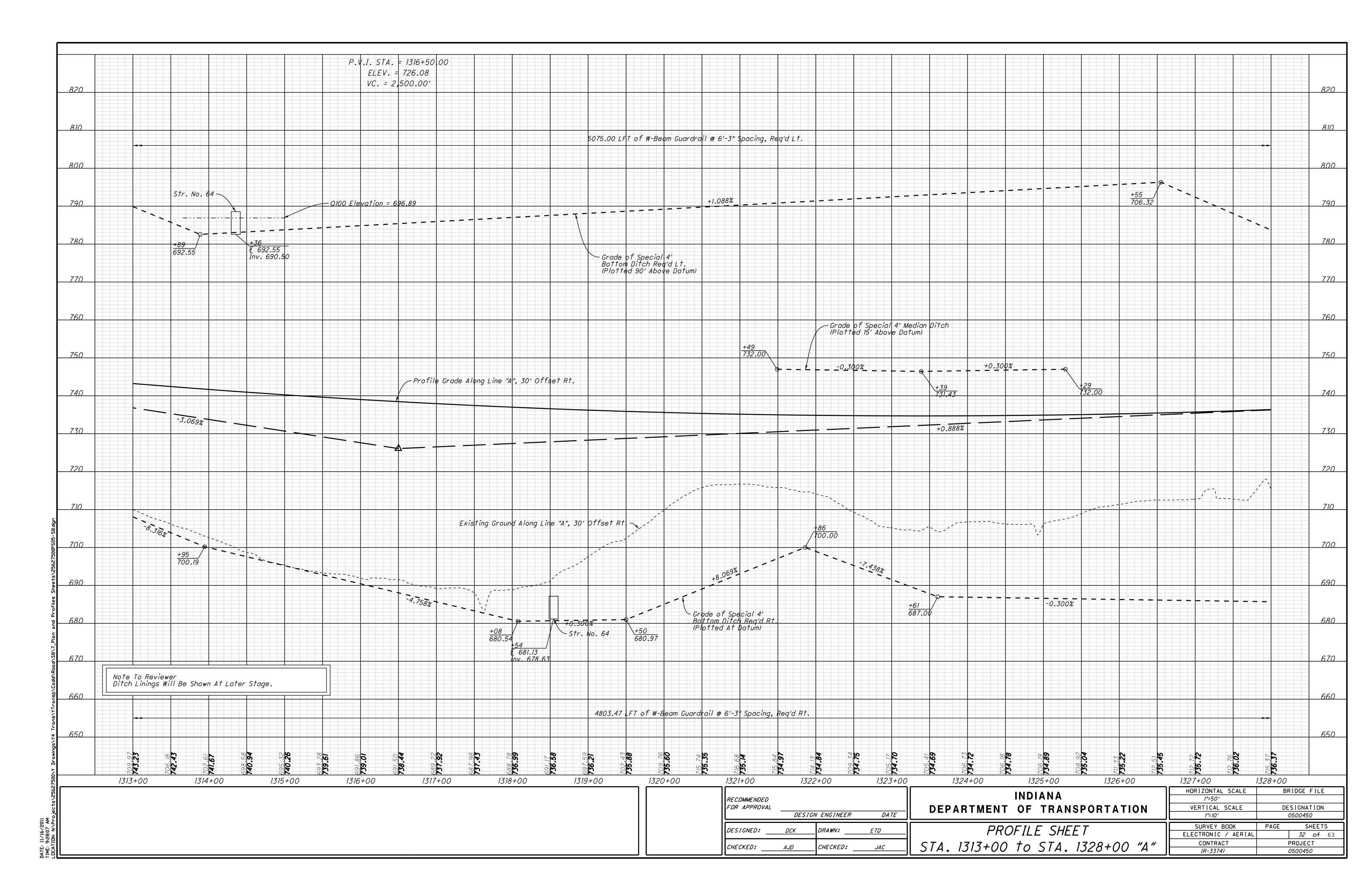


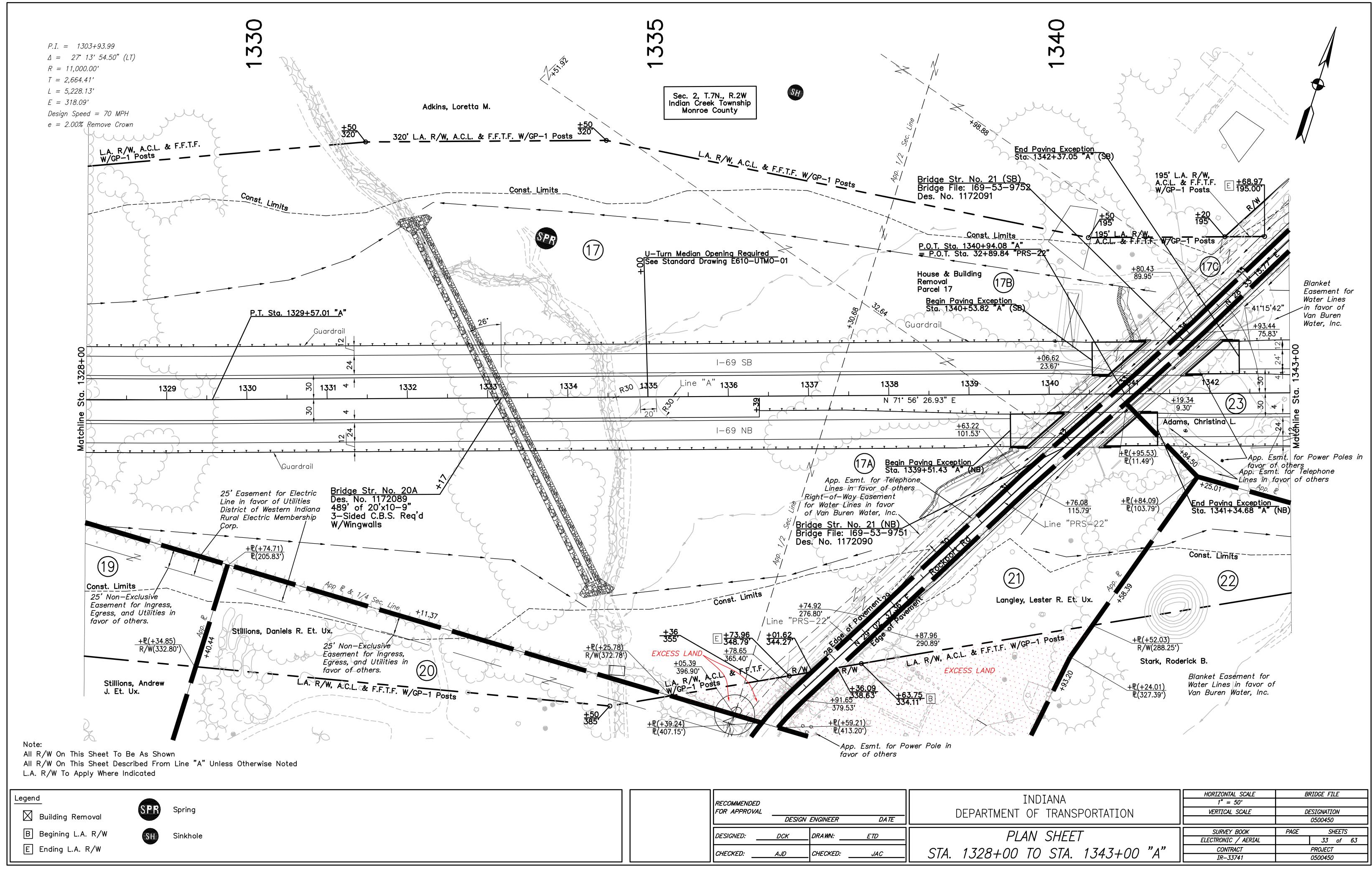


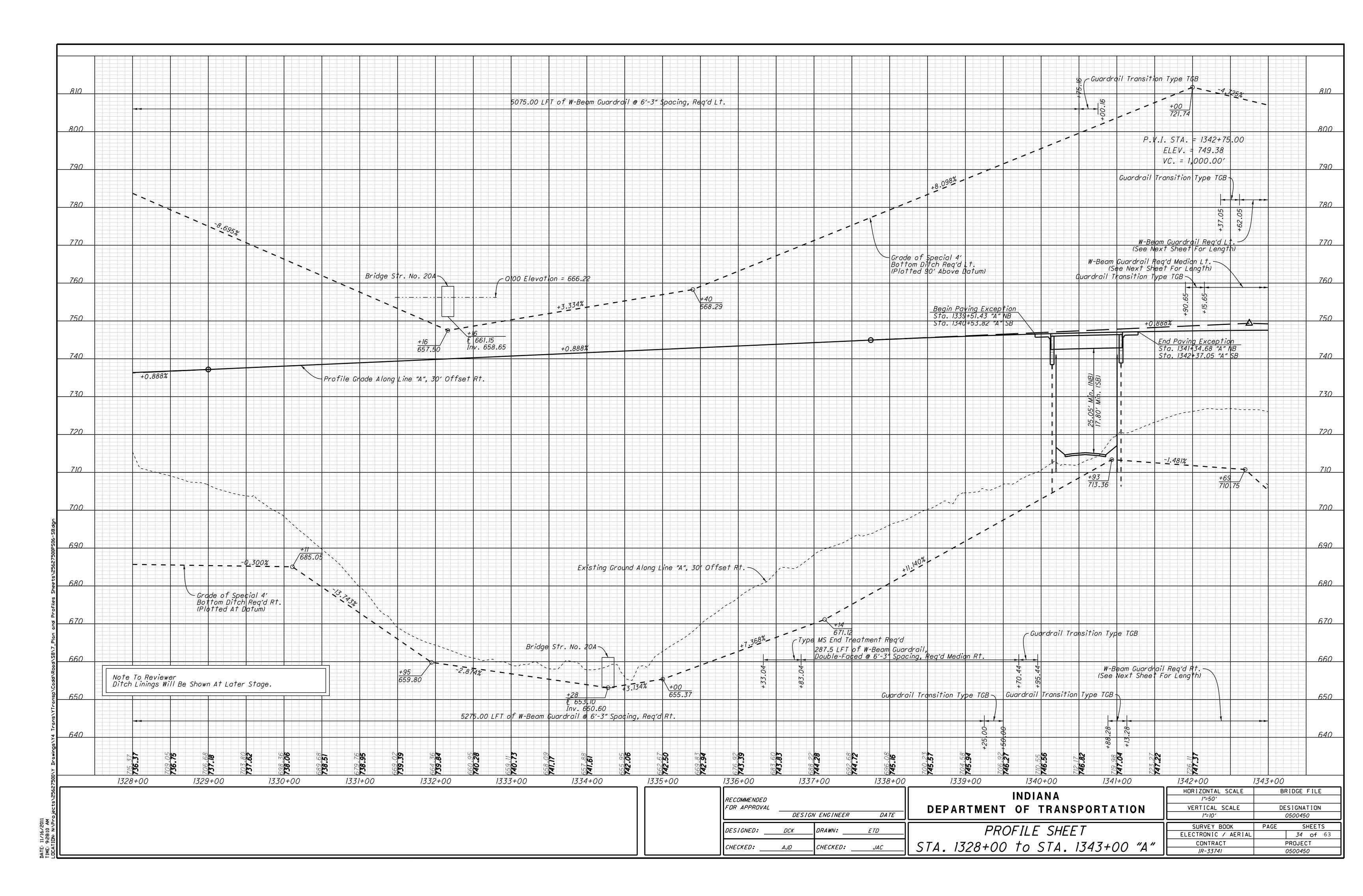


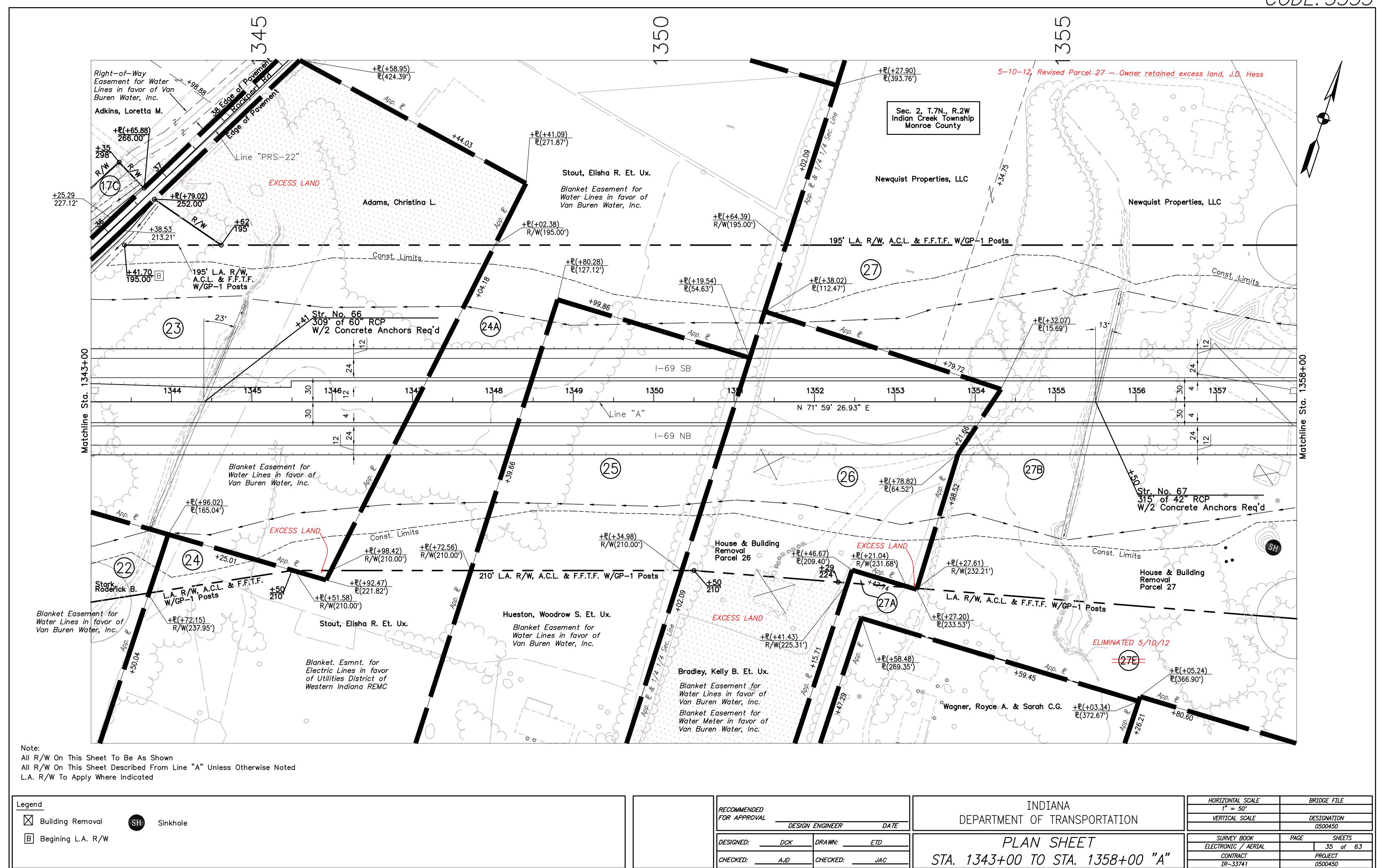


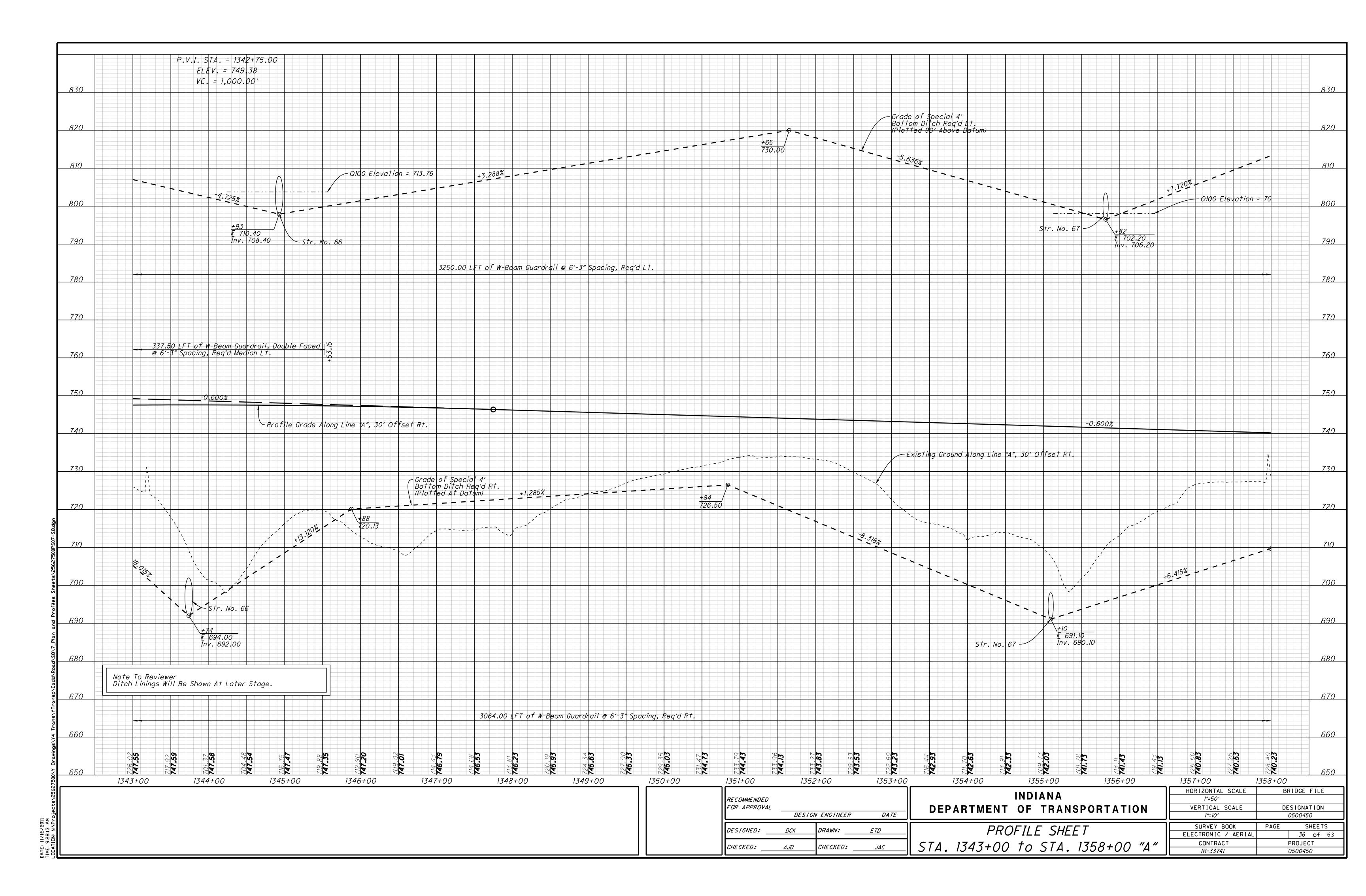


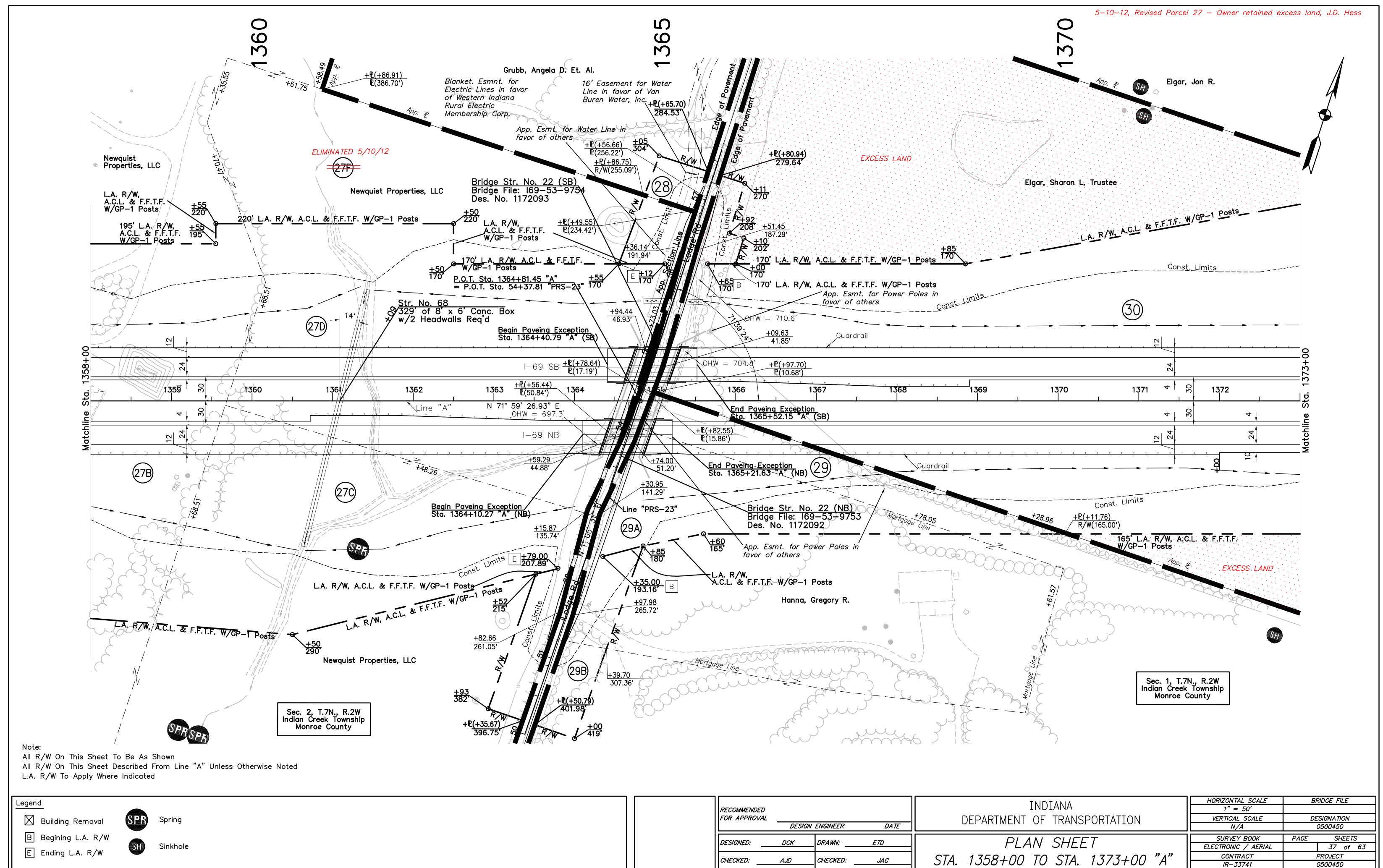


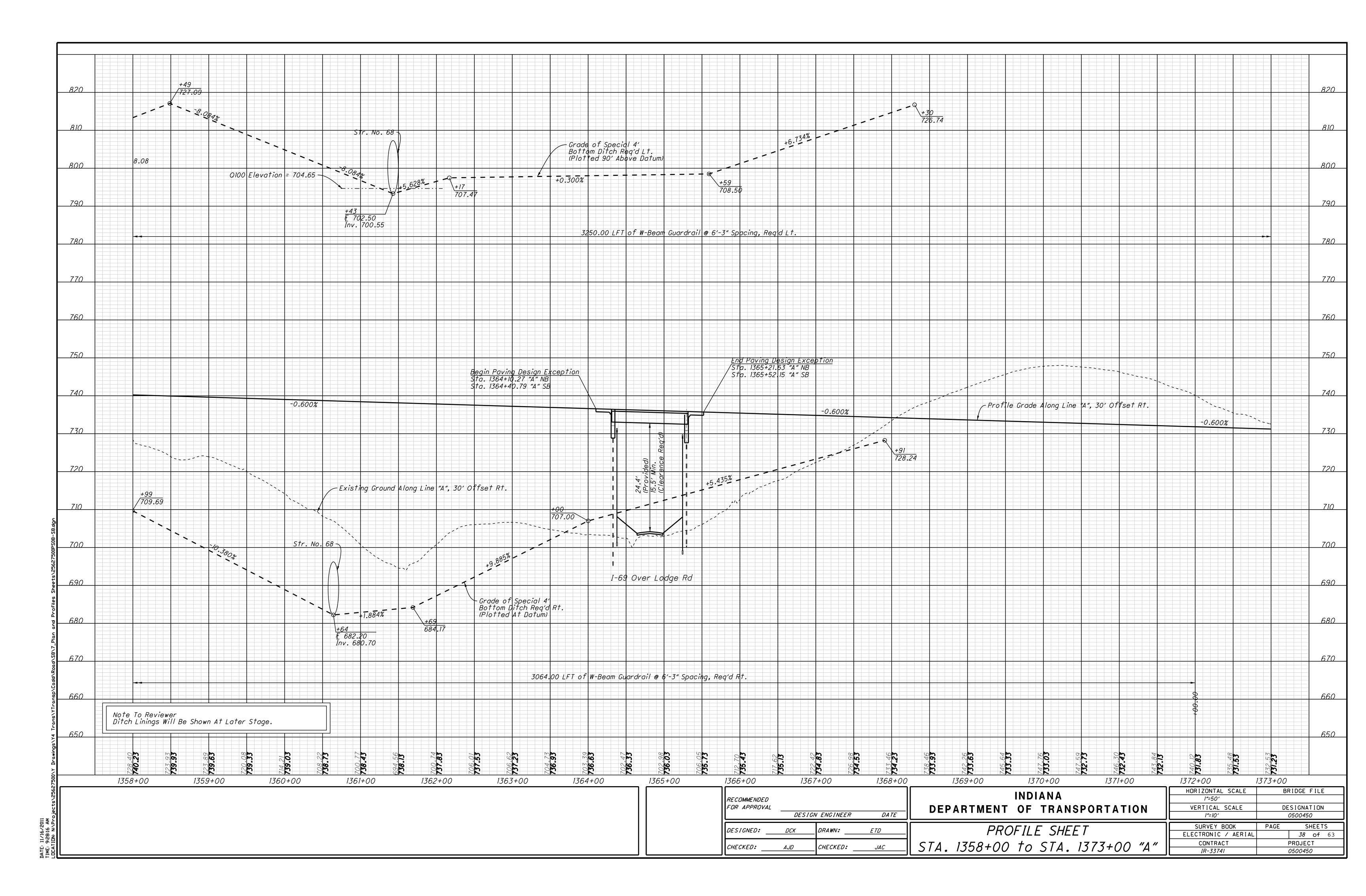


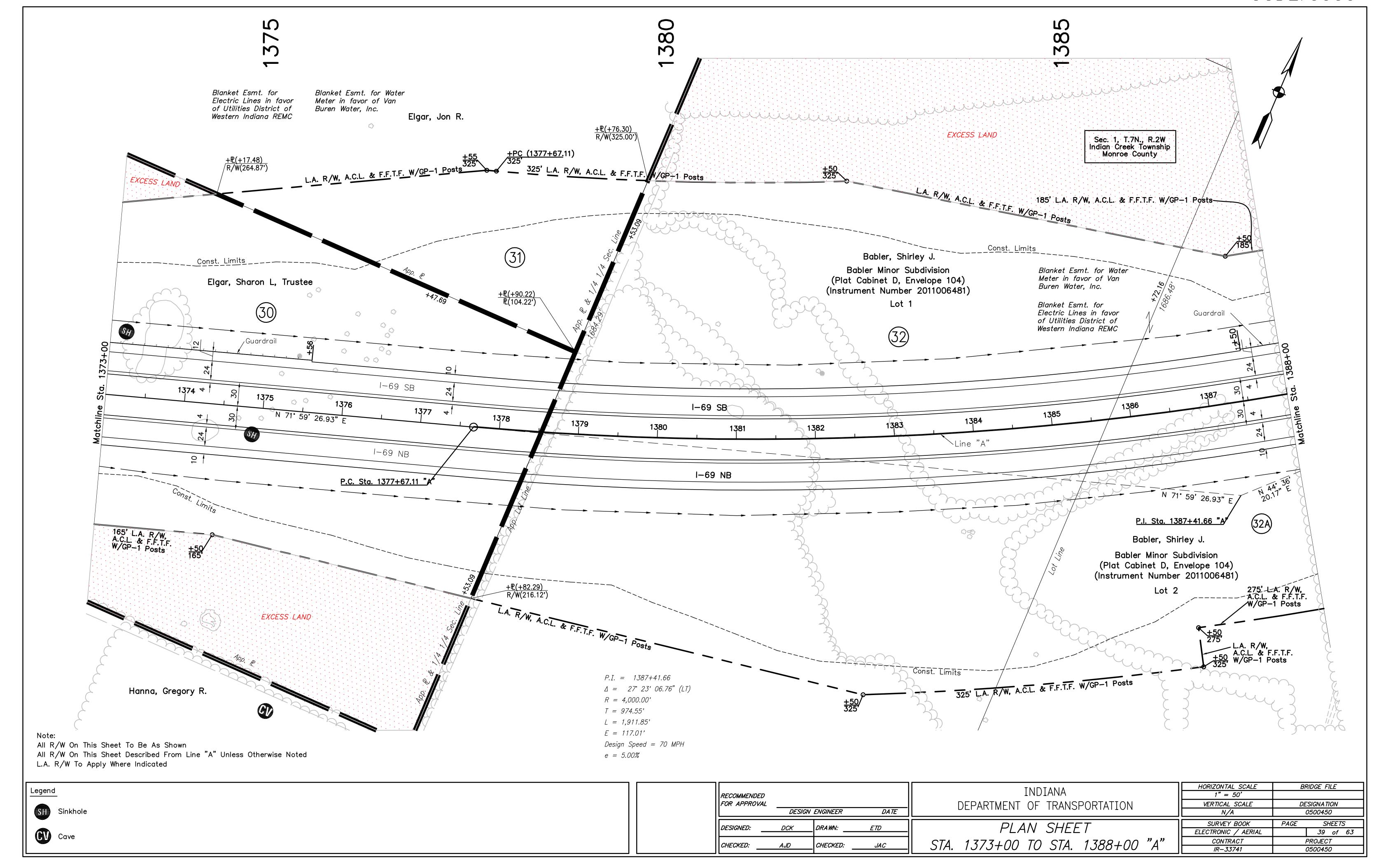


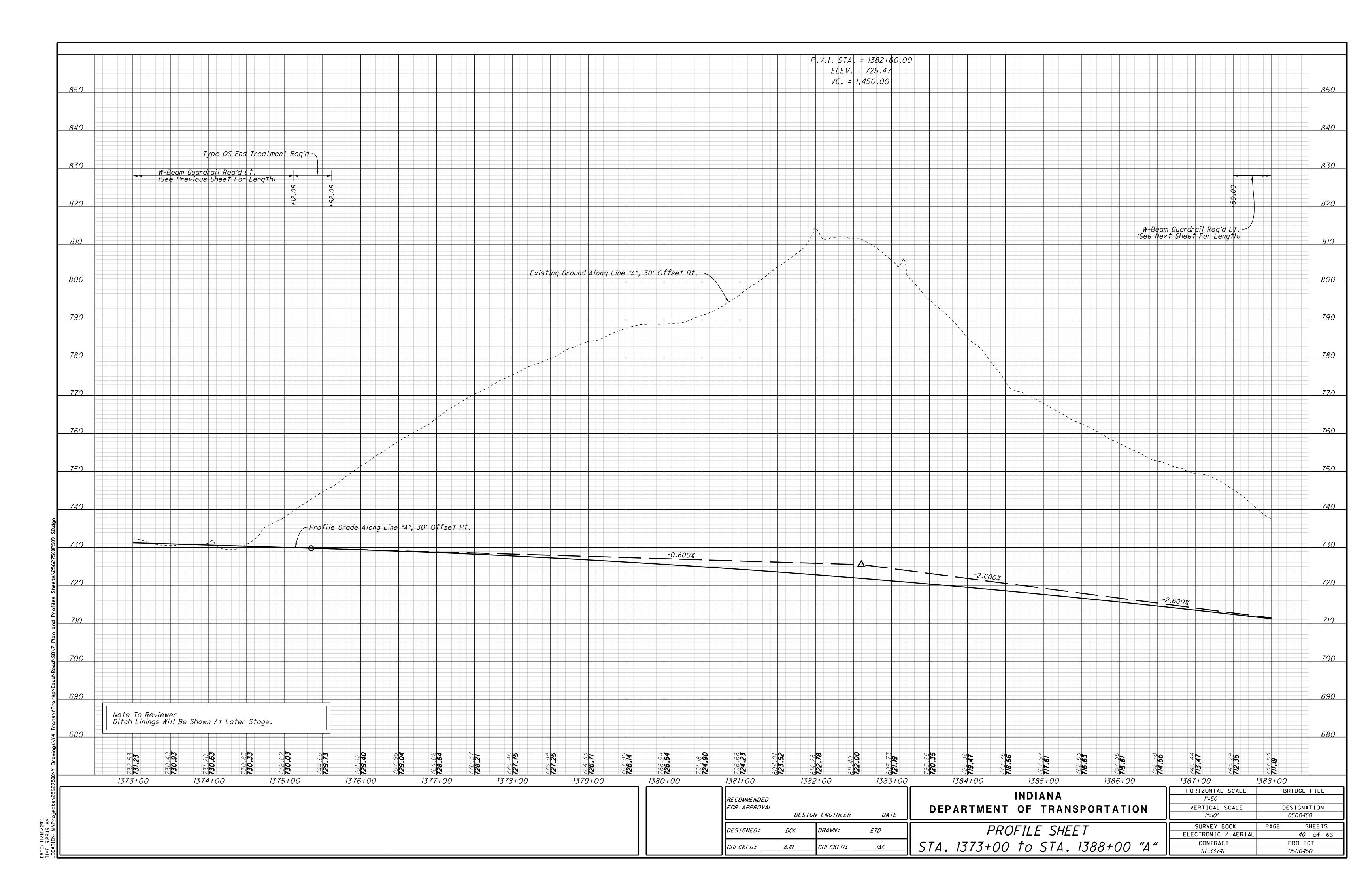


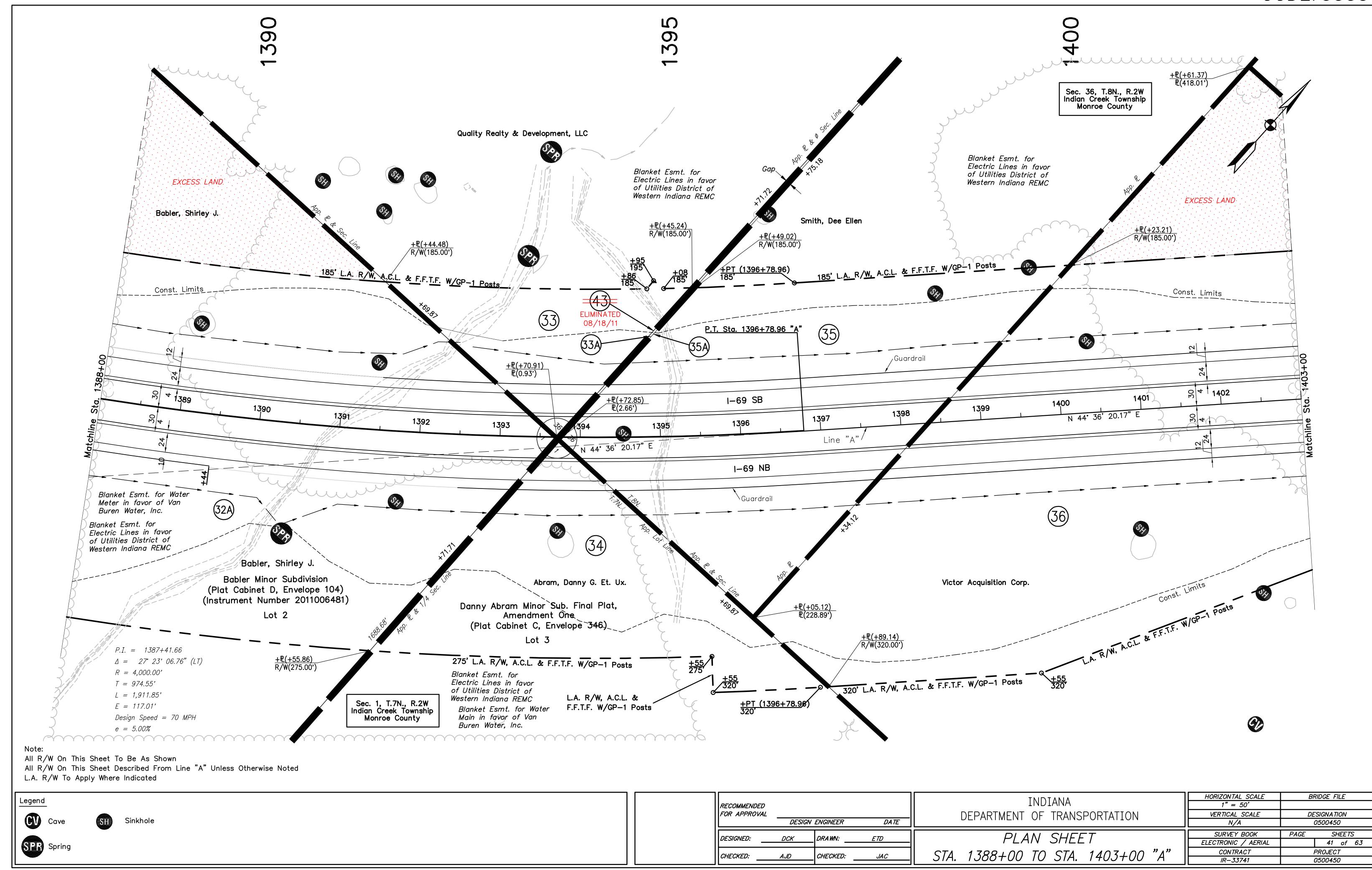


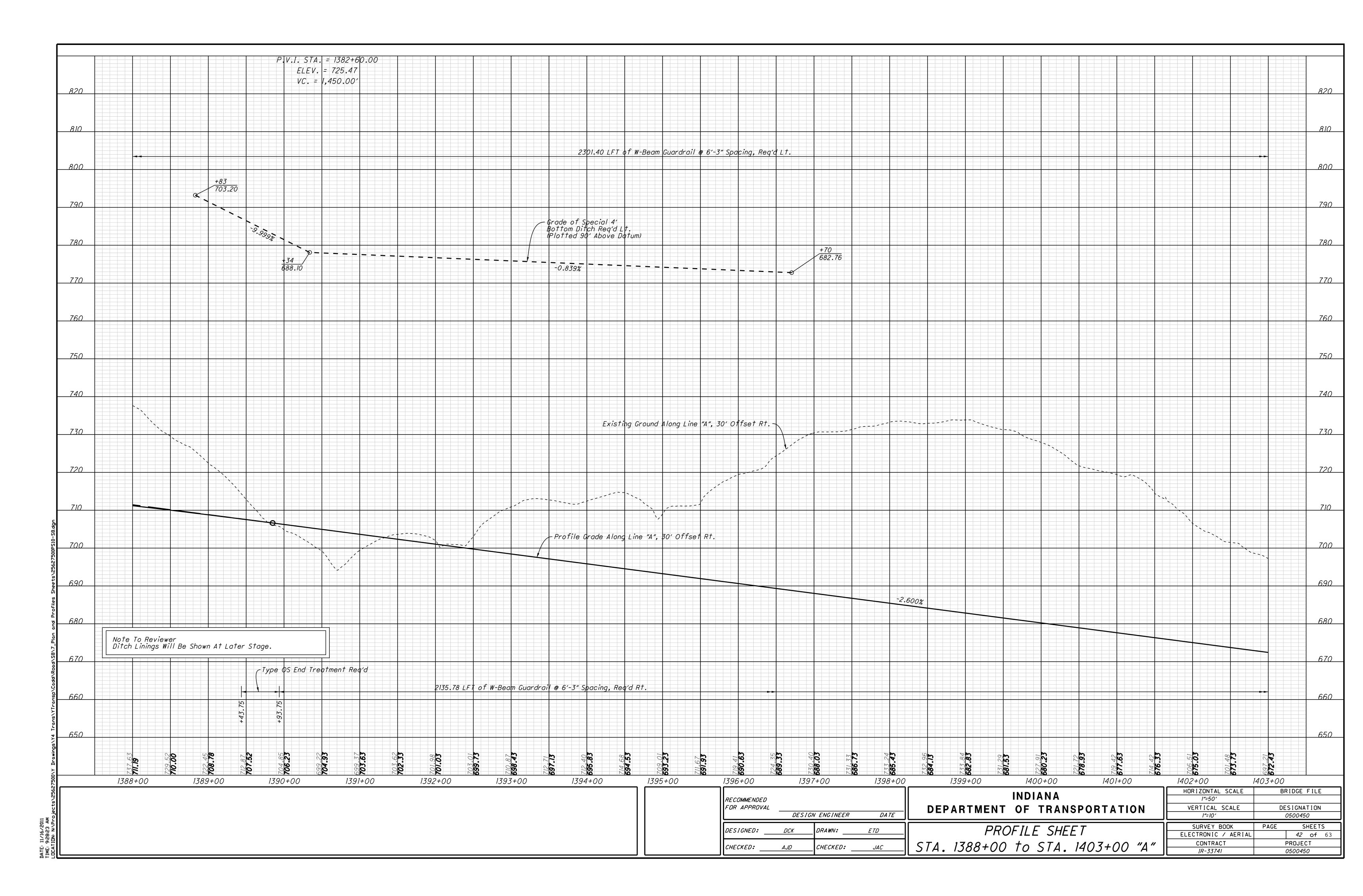


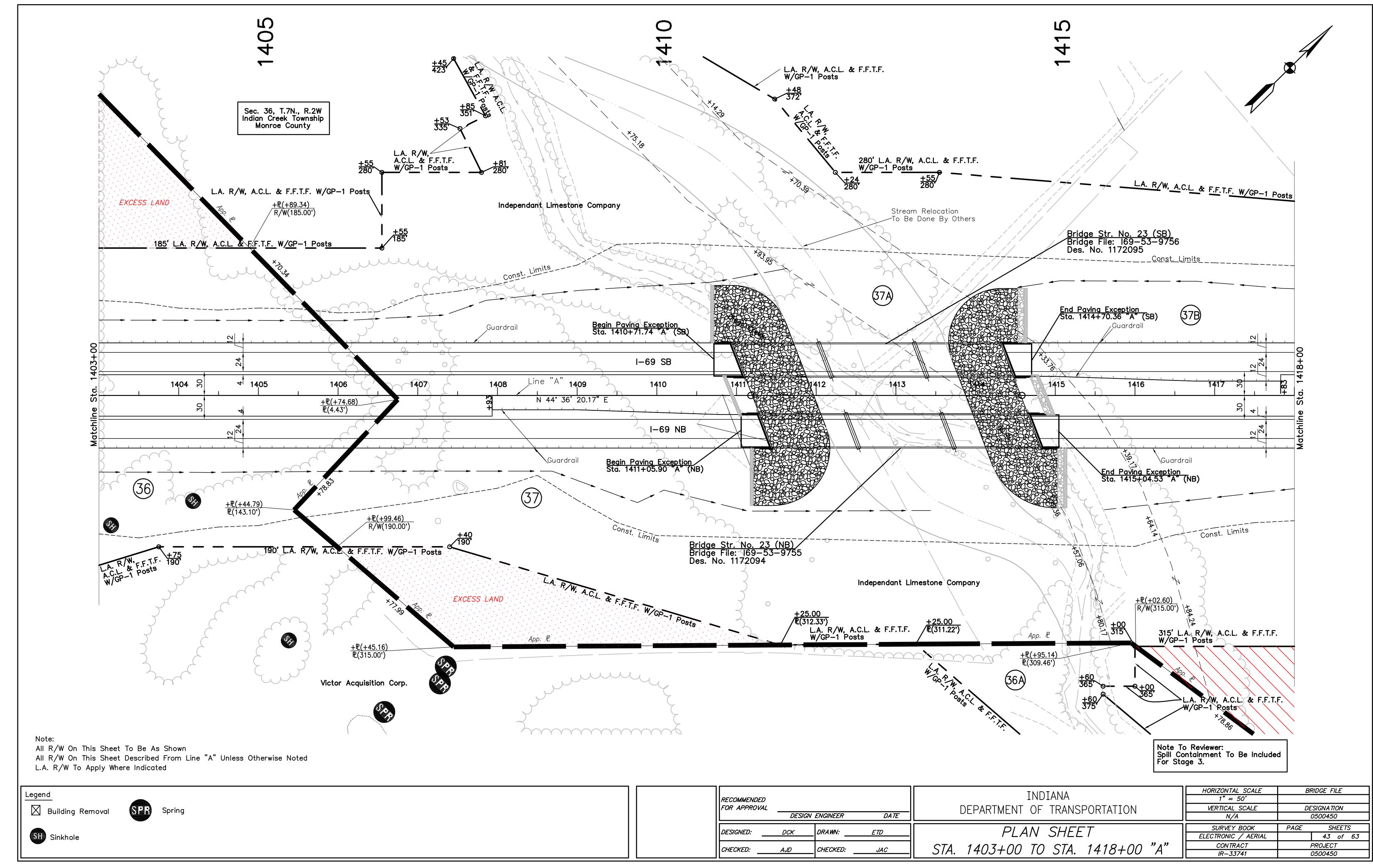


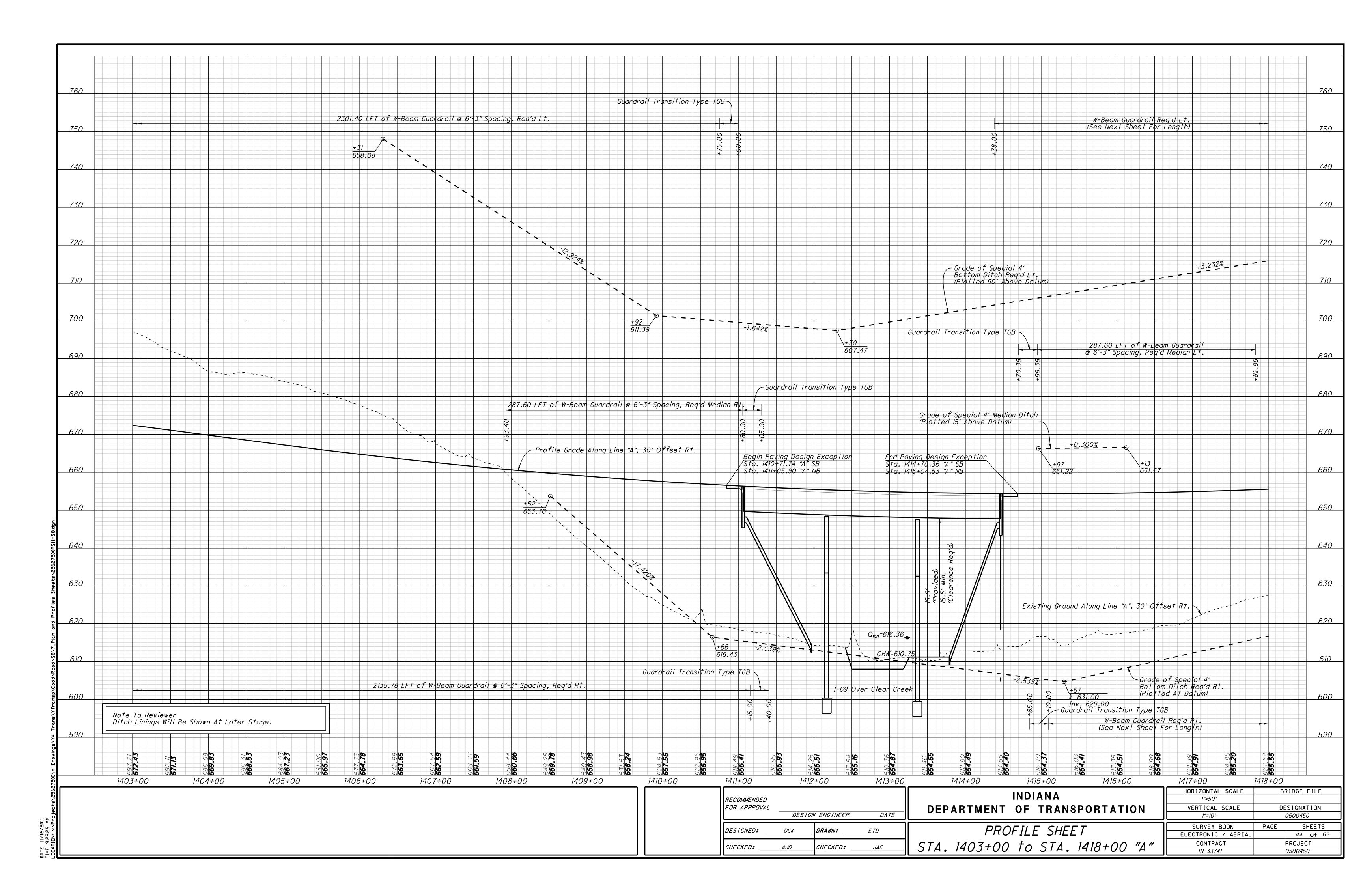


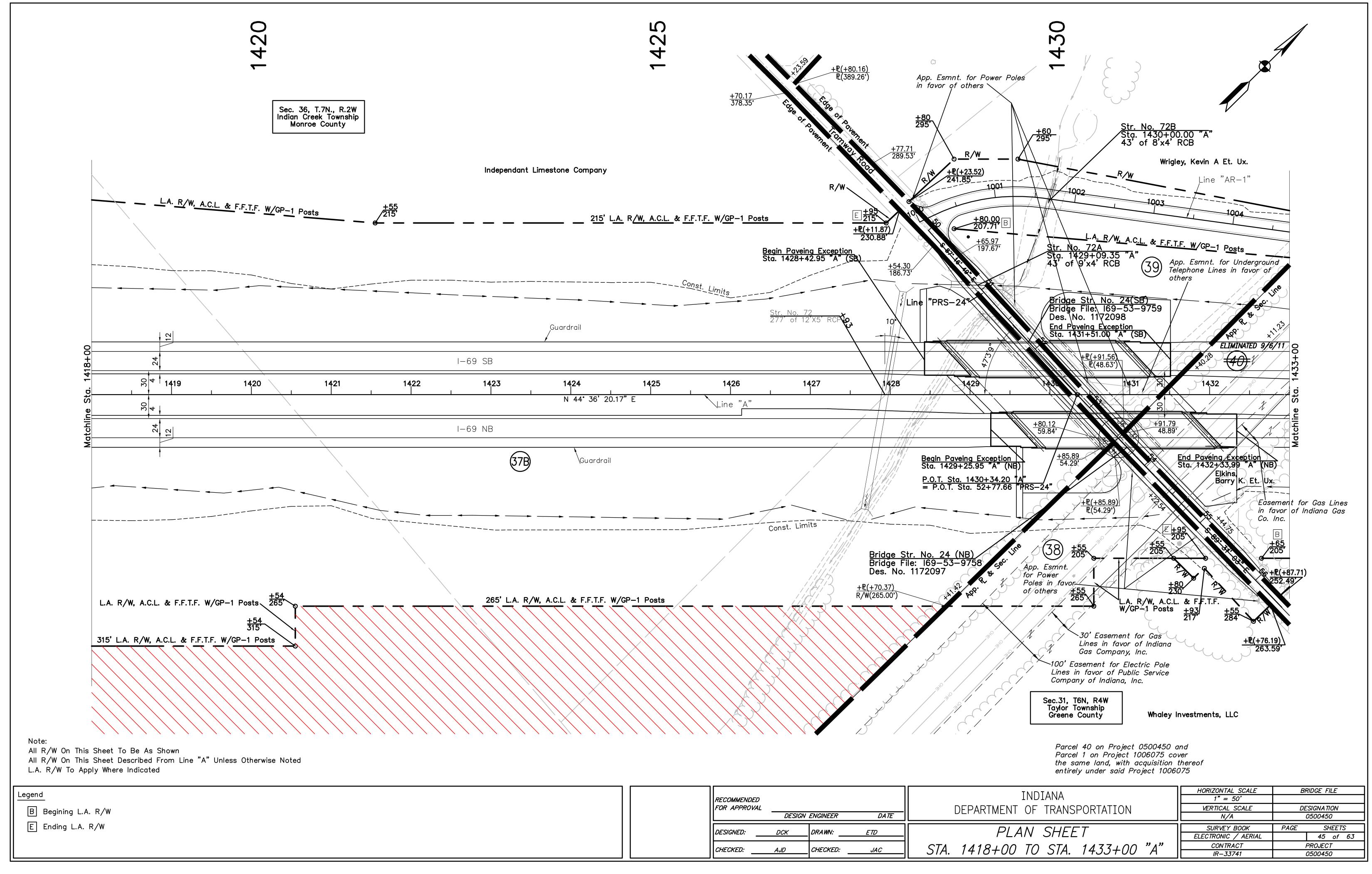


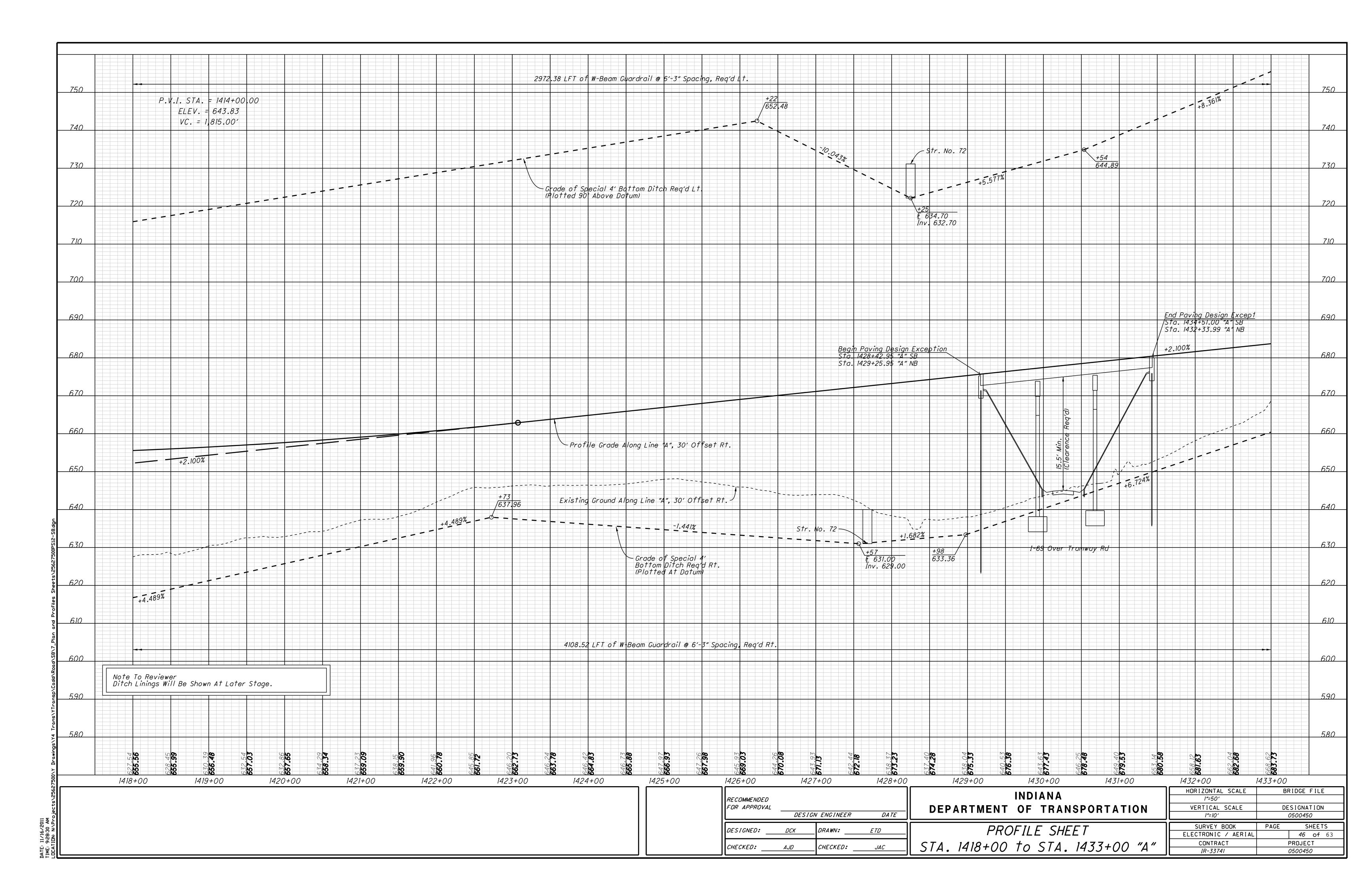


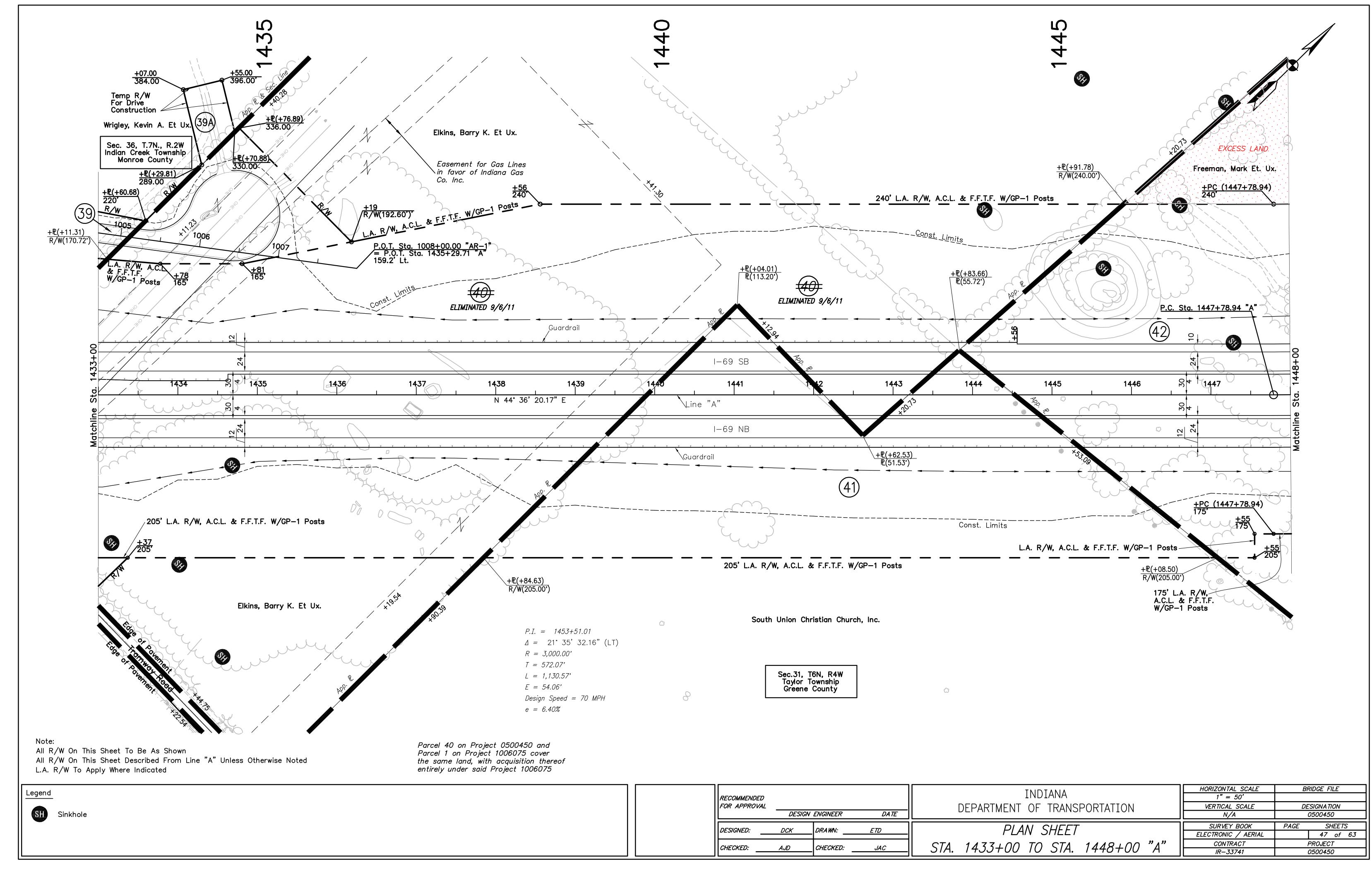


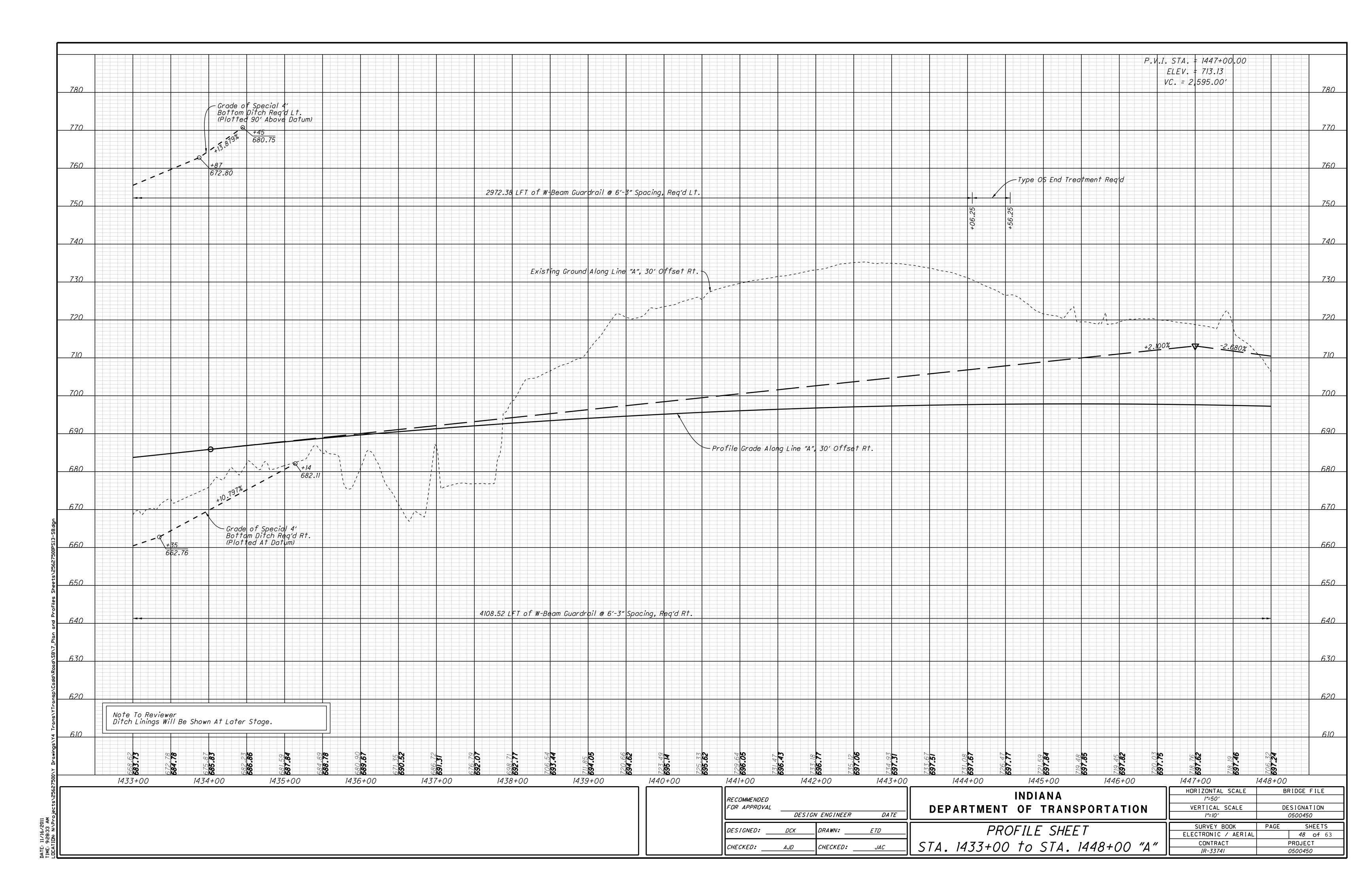


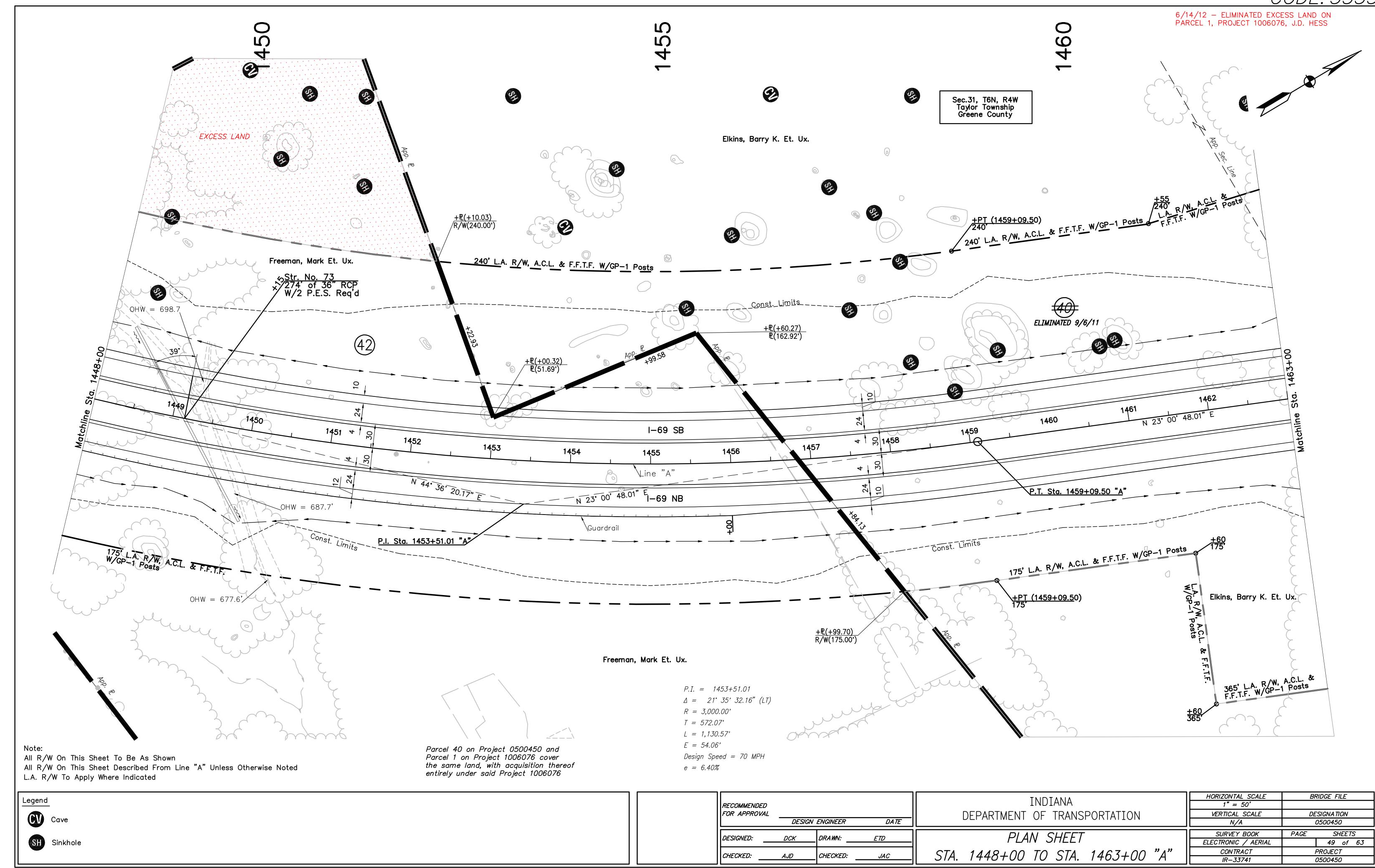


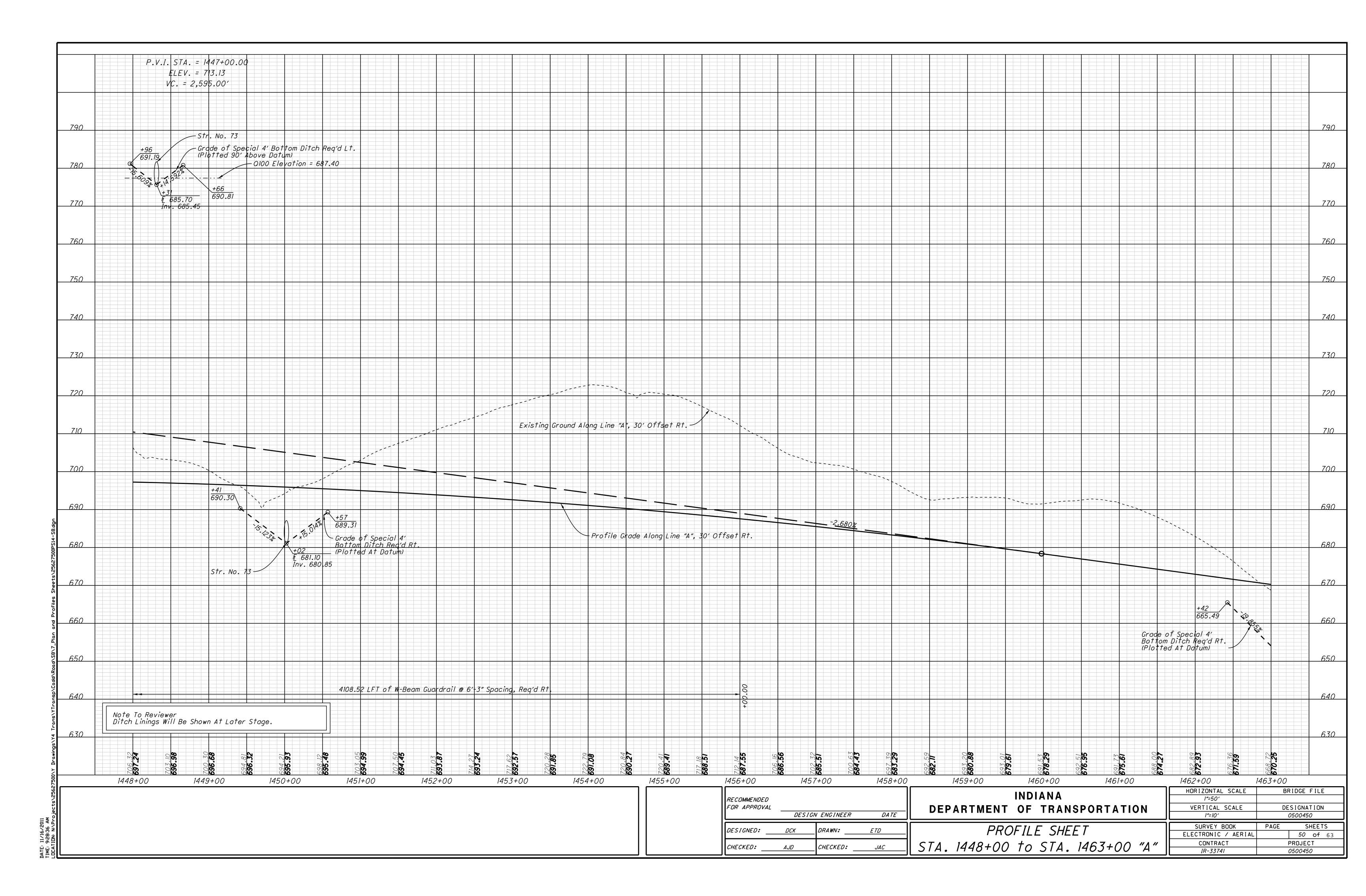


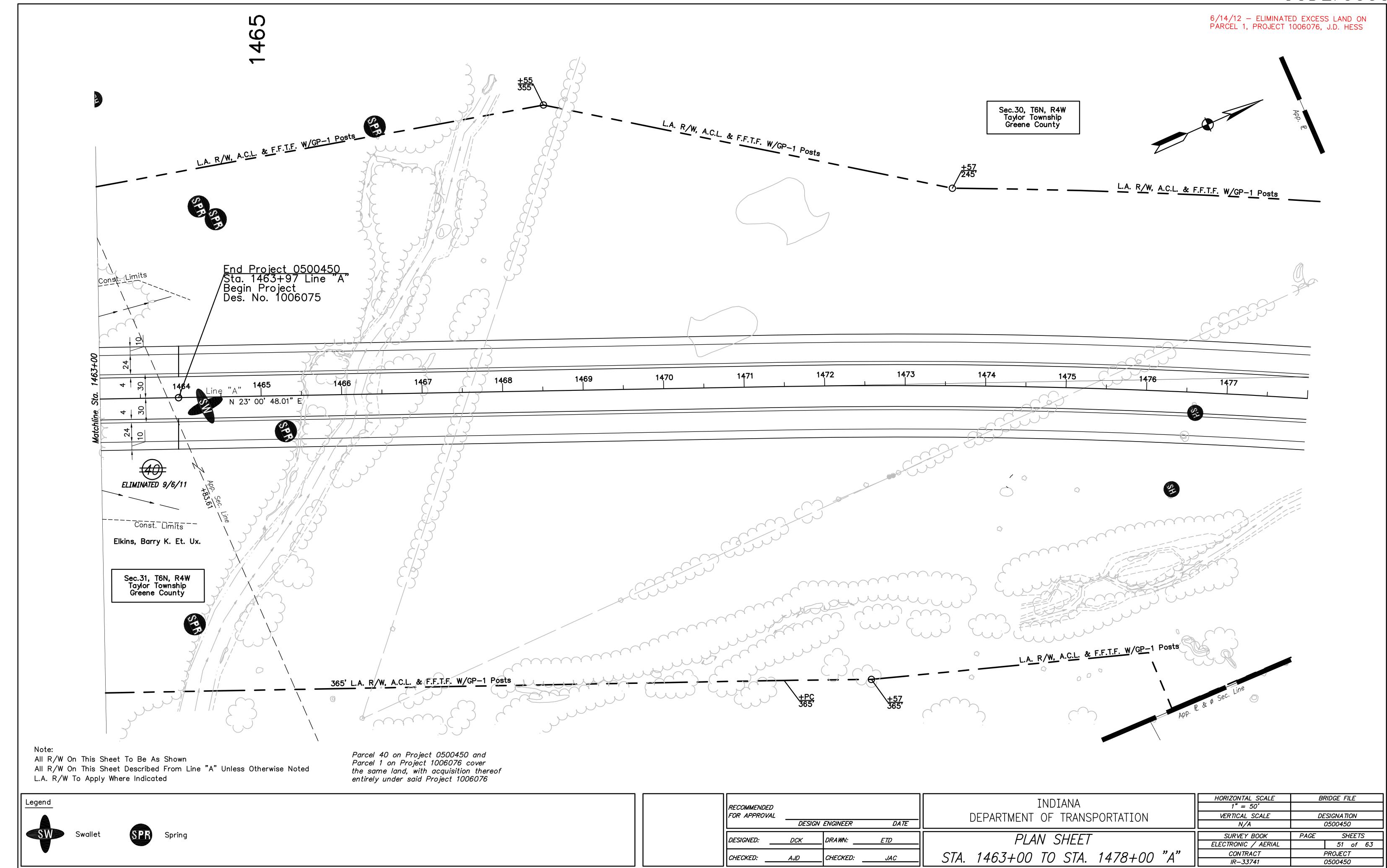


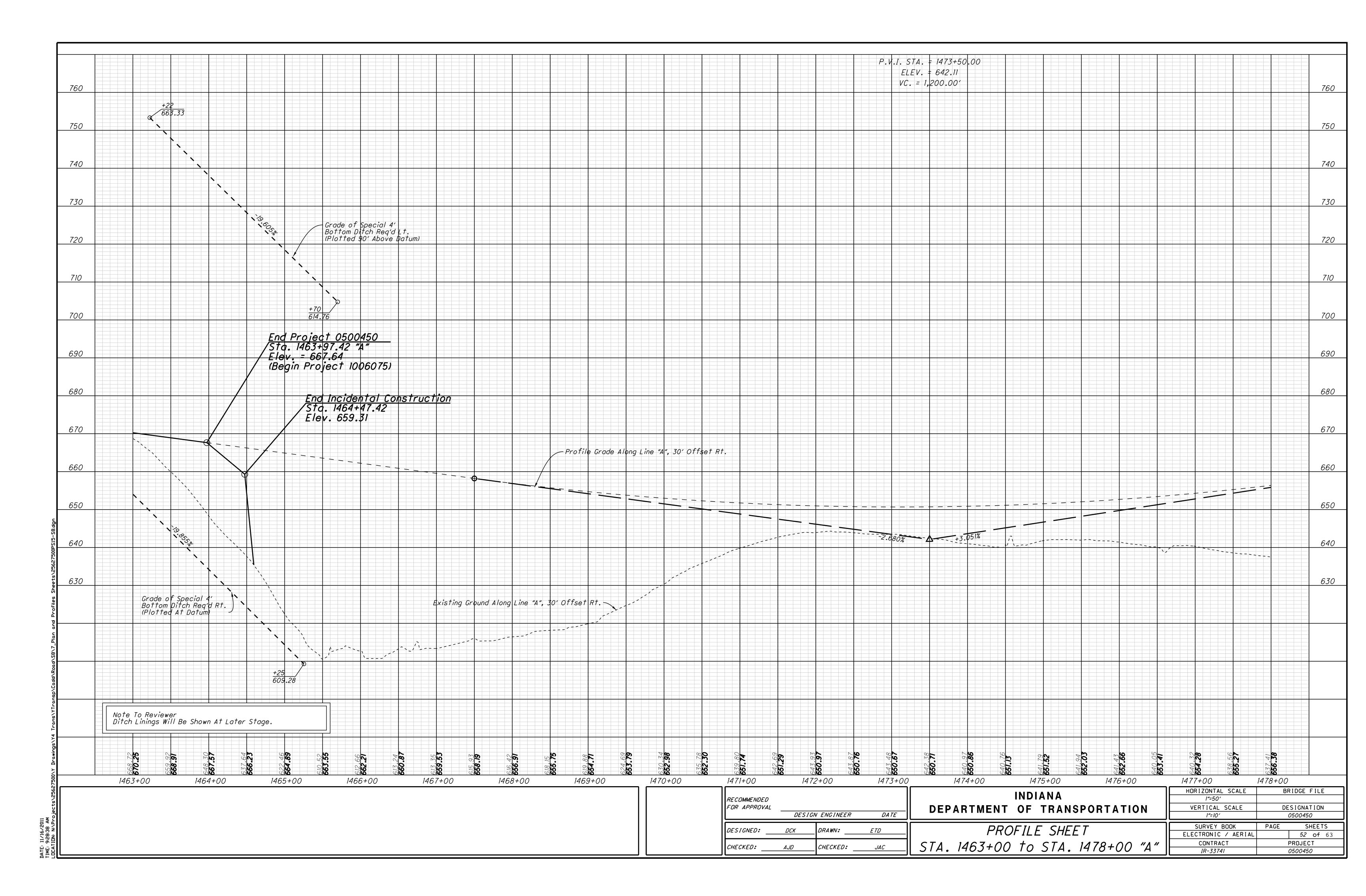


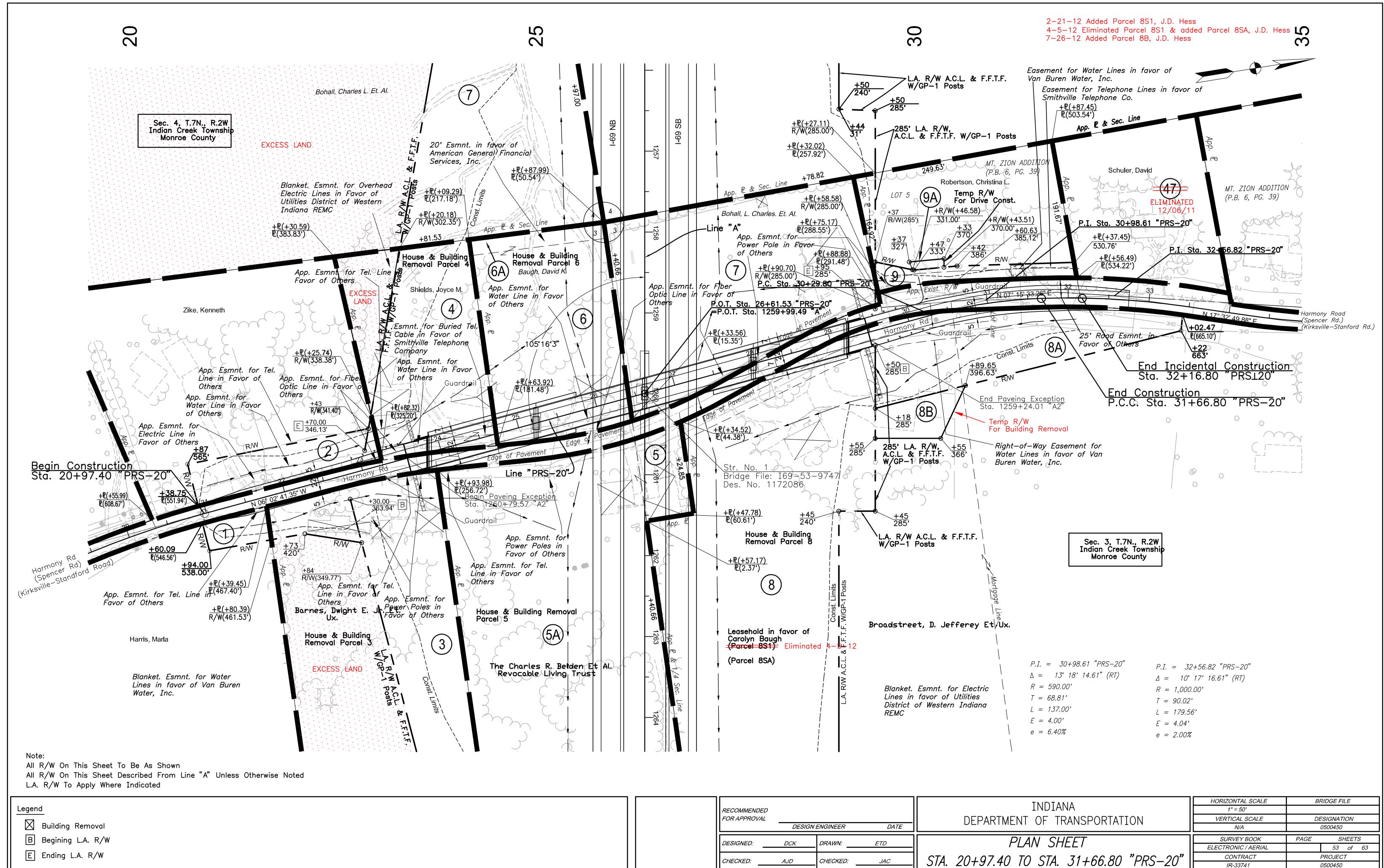


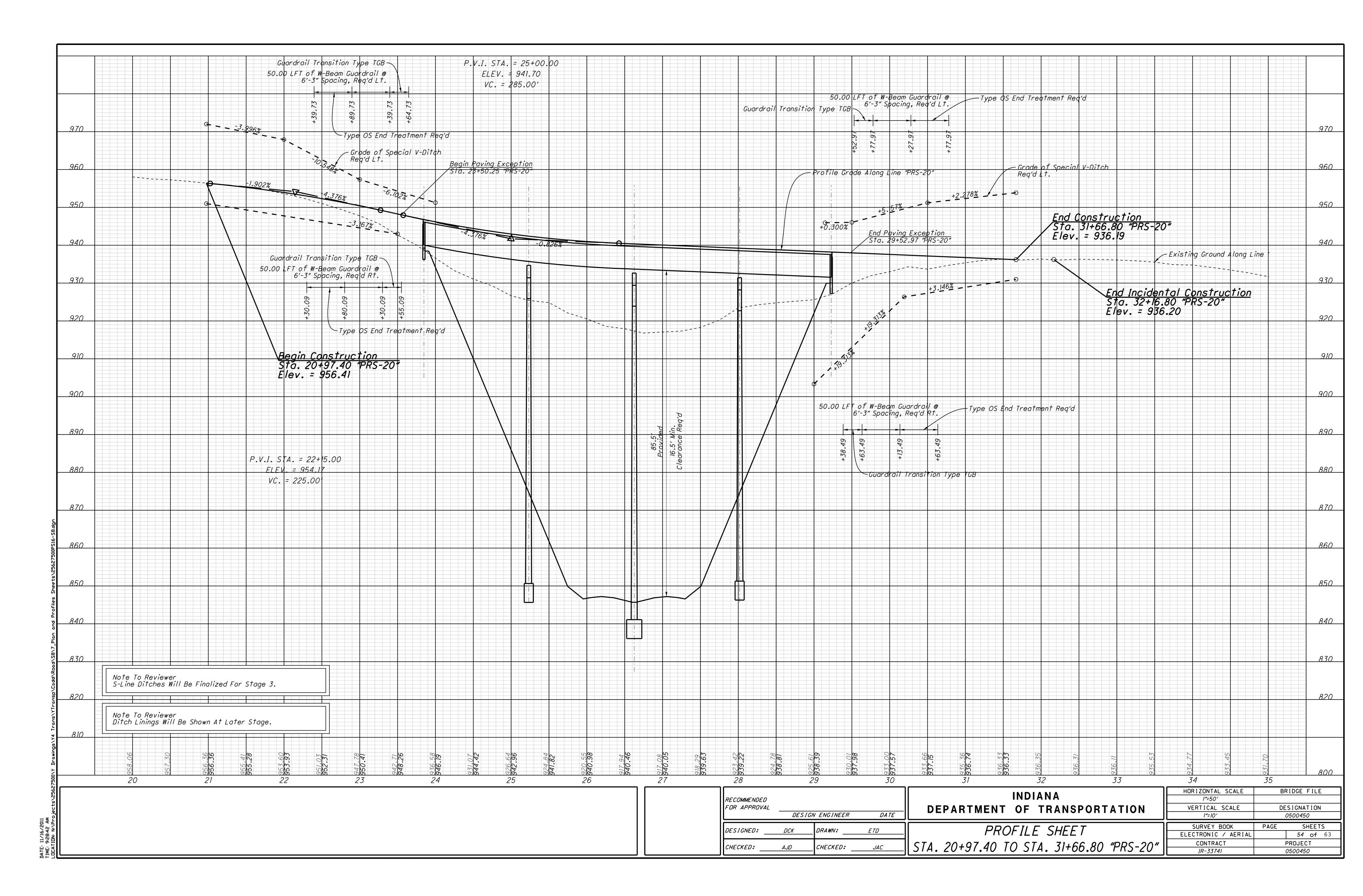


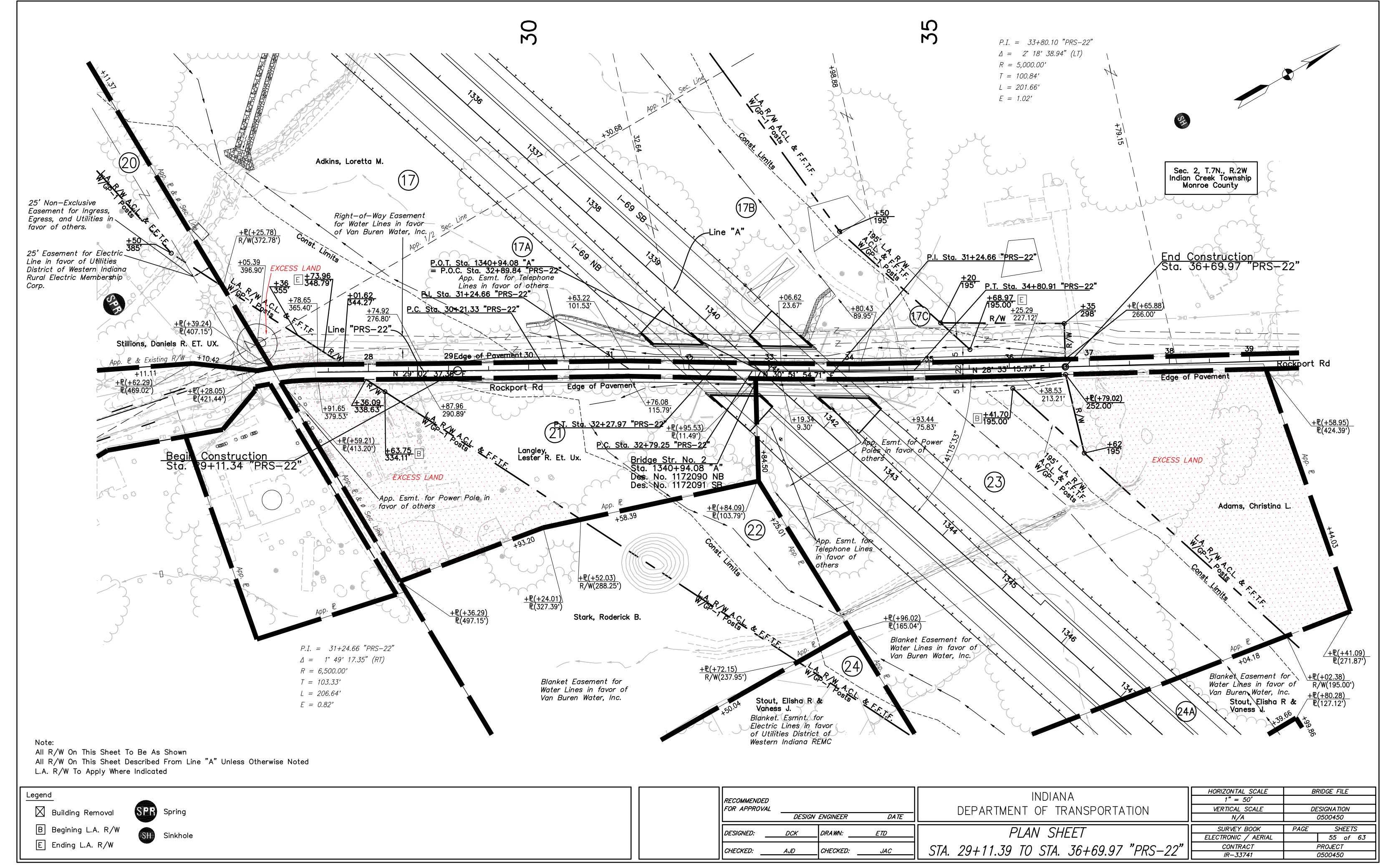


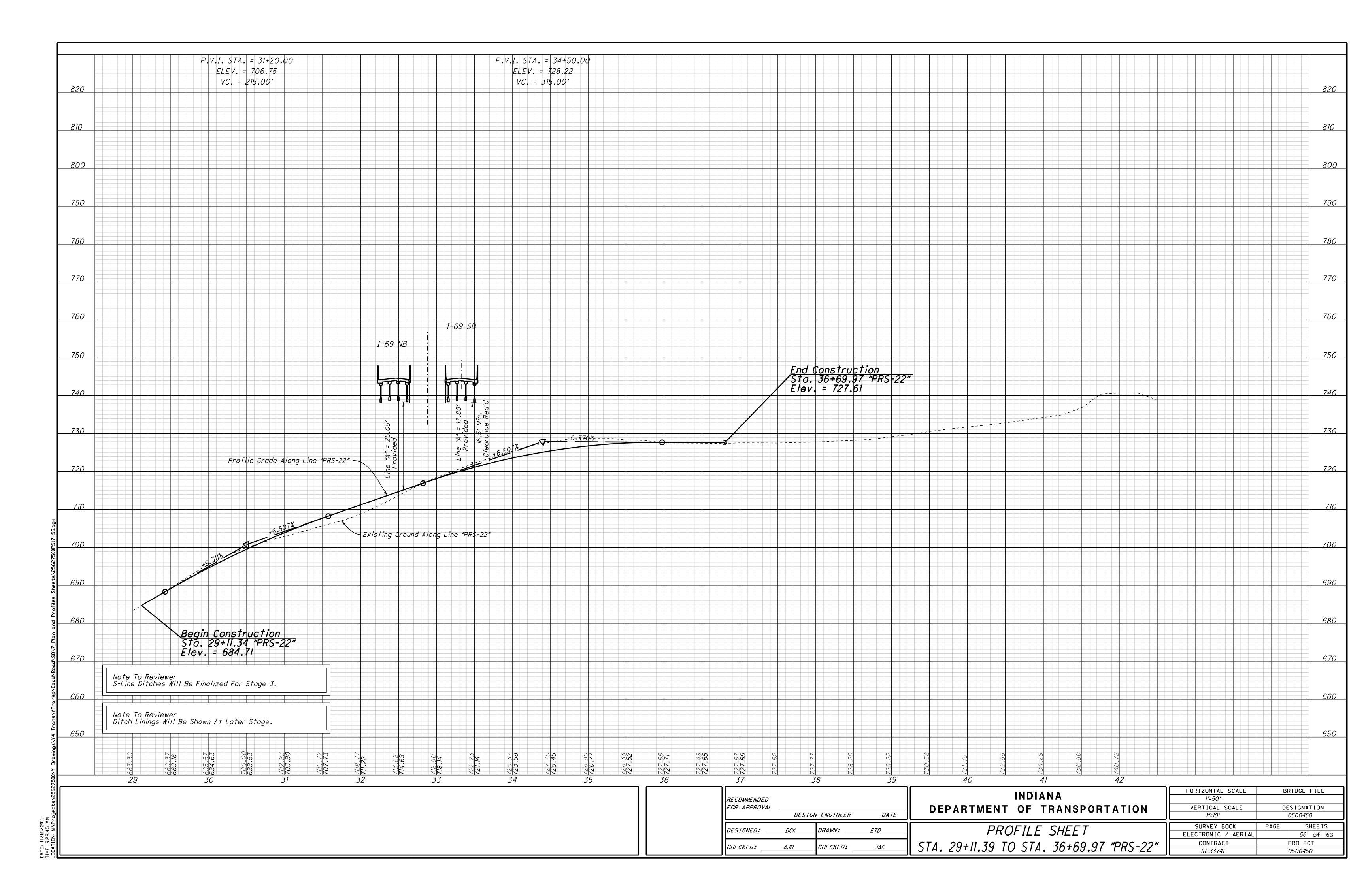












CONTRACT

IR-33741

STA. 51+20.00 TO STA. 57+14.99 "PRS-23"

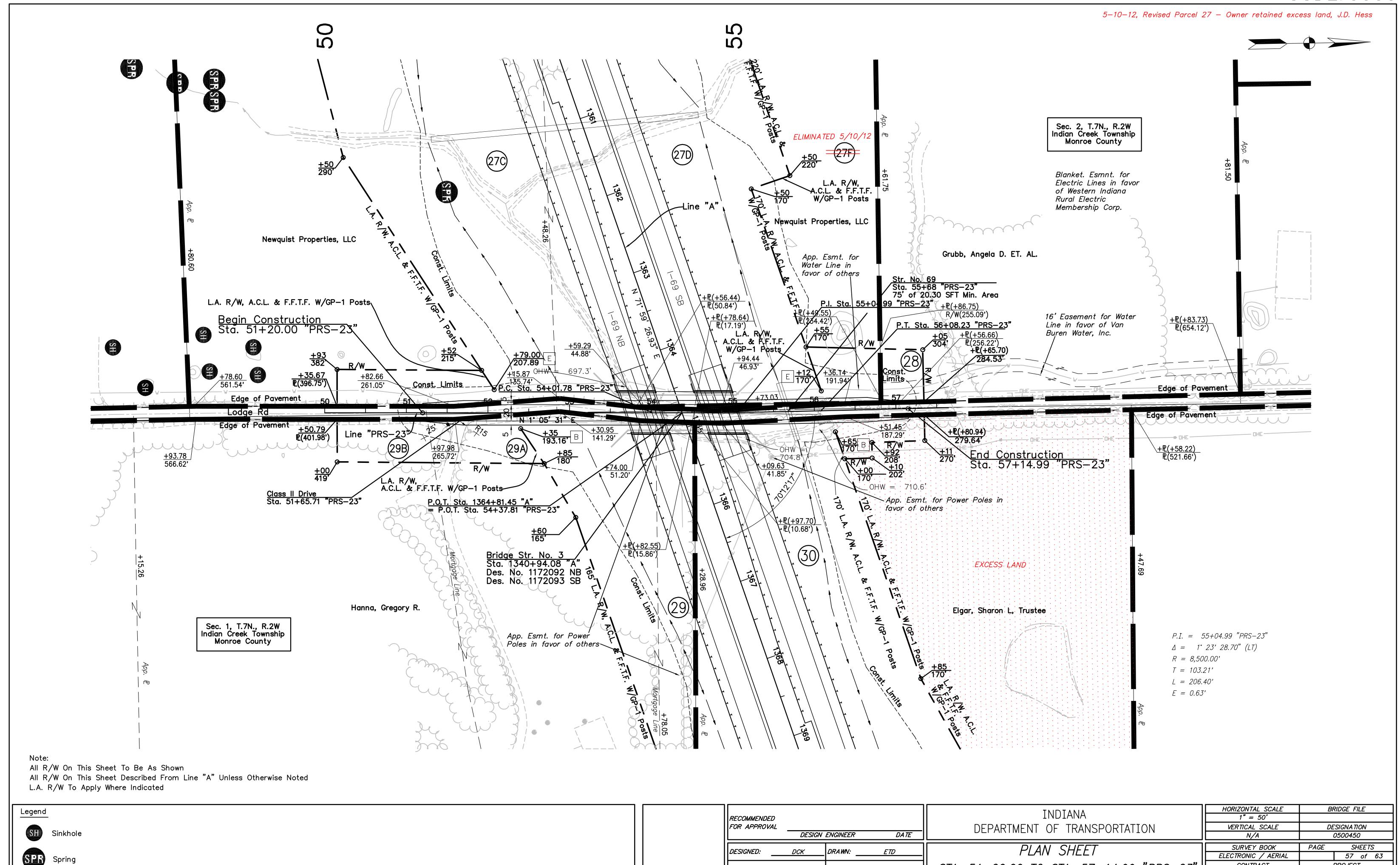
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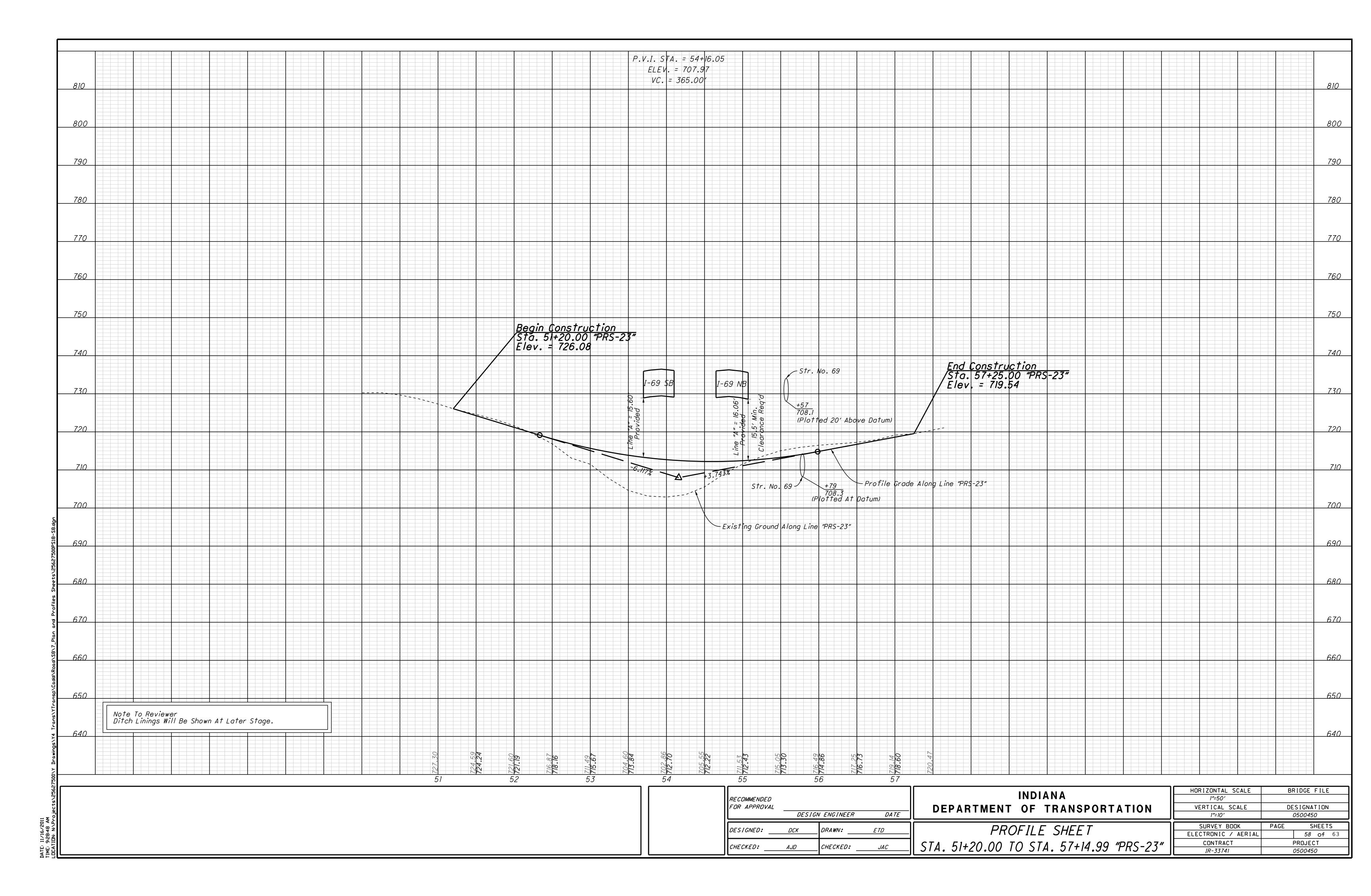
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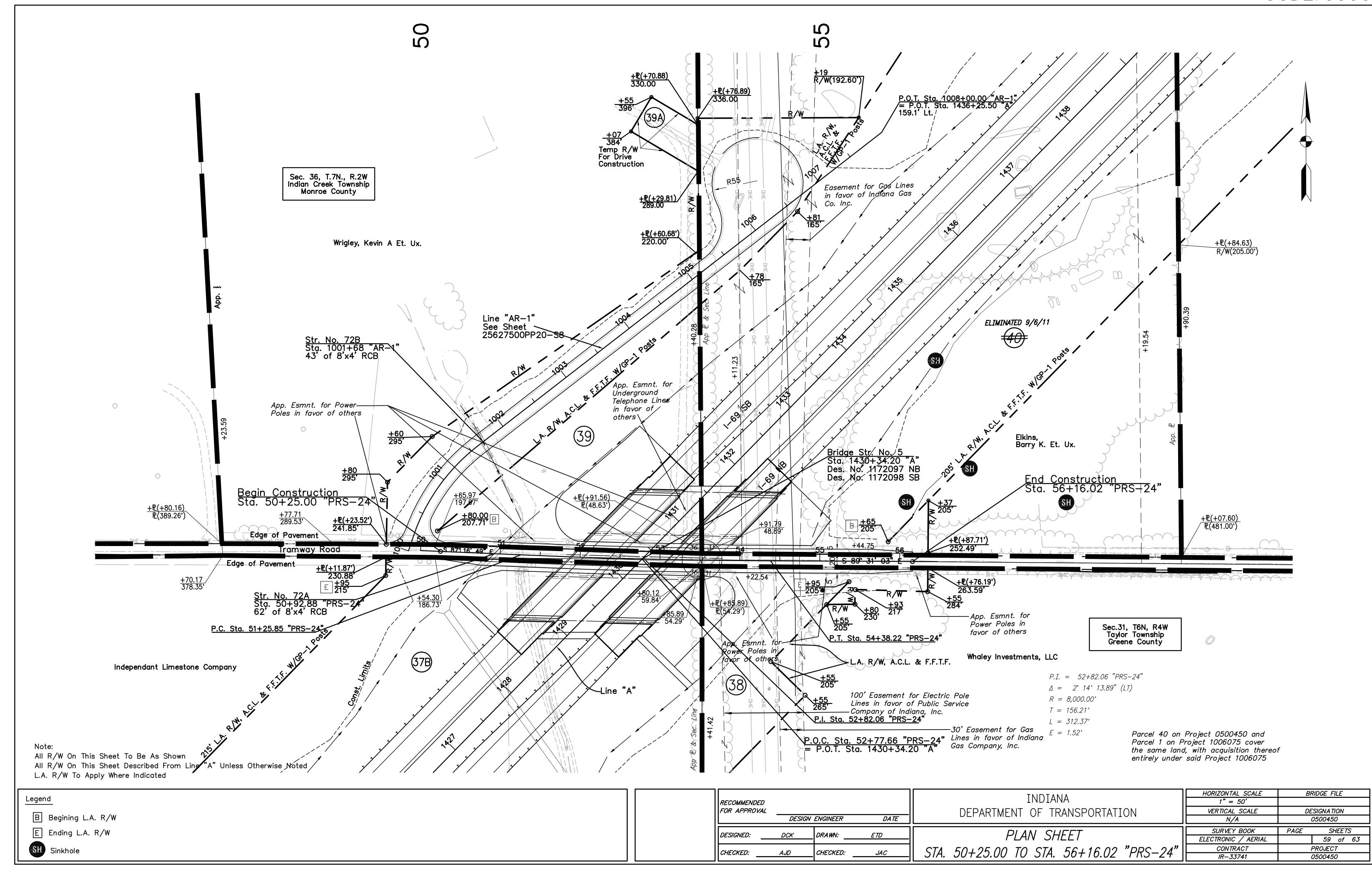
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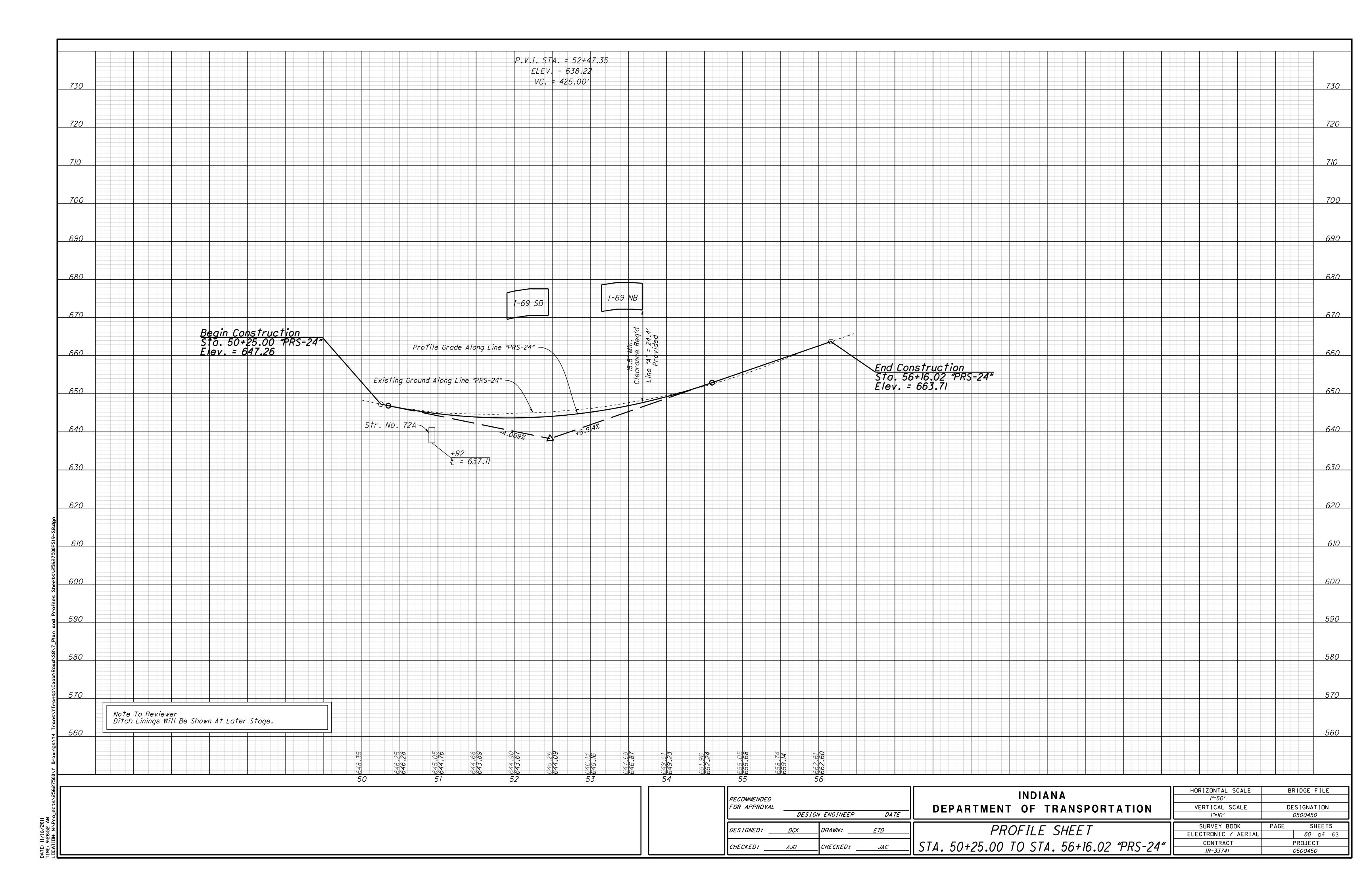
PROJECT

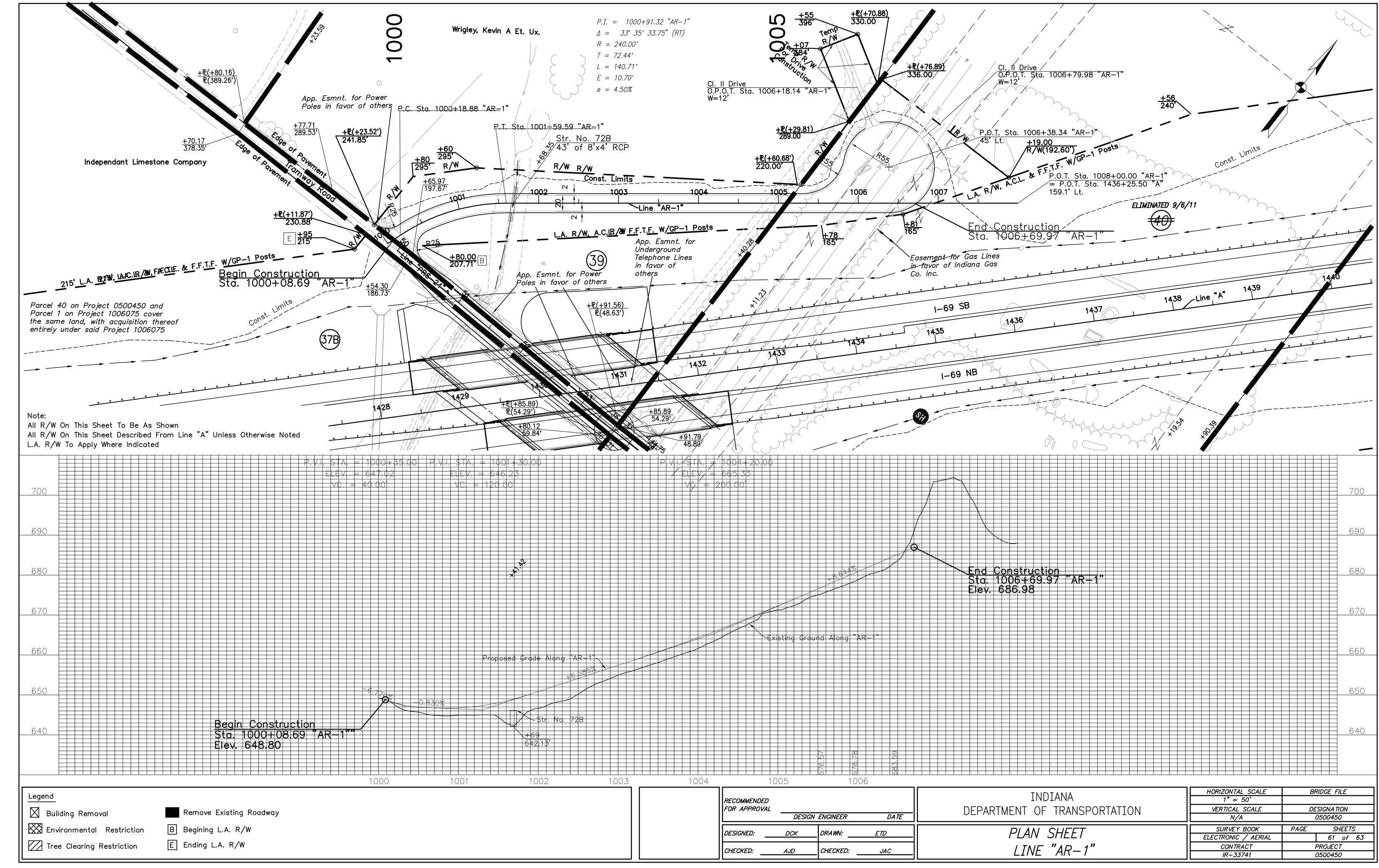
0500450











					4 FOD			ı	T T	PAVE	MENT QUAN	NTITIES				TABLE								T	
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)		RADII STANCE BEYOND R/W LINE	HMA SURFACE, A TYPE A	HMA INTERMEDIATE, Y TYPE A HMA SURFACE,	HMA INTERMEDIAT TYPE B	HMA BASE, TYPE B QA/QC PCCP, 10.5 in.	QA/QC PCCP, 8.5 in.	10 -1	QC/QA-HMA, SURFACE, 9	QC/QA-HMA, 1, 6 INTERMED., 19.0 r QC/QA-HMA, 1, 6 INTERMED., 19.0 r	QC/QA-HMA, 4, 76 INTERMED., 19.0 mm QC/QA-HMA, 5, 76	nm 64 BASE,		25.0 mm C/QA-HMA, 1, 64 BASE, 25.0 mm	QC/QA-HMA, 2, 25.0 mi	19.0 mm HMA SURFACE, TYPI	HMA INTERMEDIATE, TYPE A	HMA BASE, TYPE A	HMA SURFACE, TYPE B TYPE B TYPE B HMA BASE, TYPE B	MATERIAL FOR TACK COAT	PACTED AGGREGATE NO. 53	ACTED AGGREGATE FOR BASE NO. 53 A DA	GRADE TREATMENT, TYPE IIA GRADE TREATMENT, TYPE IIIA	REMARKS
			Ä			BS. PER SYD					LBS. PER SYD.	075		5 00	105	LBS. PER	1	. 075	000	LBS. PER SYD.	HM	COM	SUB(SUBC	
		FT FT	FT FT	165 TONS	495 165 TONS TONS	385 S TONS T	ONS SYS	SYS	CYS LFT TONS	165 TONS		275 2 TONS TO	38: NS TON				330 165 ONS TON	275S TONS	660 TONS	165 275 660 TONS TONS TONS TONS	ONS	TONS	TONS SYS SYS SYS	SYS SYS	
Line "A" +00.00 to 1462+50.00	Mainline						115,280		28,820 69,168 4,809		11,126			29,6								16,488			
Line "PRS-20"																						,			
+97.40 to 32+75.00	Mainline																143	3 241	592		1.3	417	616	2,093	
Line "PRS-22" +11.34 to 36+69.97	Mainline																218	368	906		2.0	650	943	3,209	
Line "PRS-23"																						-			
-20.00 to 57+14.99	Mainline																154	260	643		1.4	509	672	2,312	
Line "PRS-24" +25.00 to 56+16.02	Mainline																159	268	661		1.5	506	689	2,364	
Line "AR-1" 0+08.69 to 1006+69.97	Mainline				207	2 483.5																		2,511	
urn Median Opening on Line "A"					201																			2,011	
1335+00.00	Mainline			14	41																				
"PRS-20" Drive 21+52.11	Class II Drive				6.5	15.0																		78	
30+39.00	Class II Drive				9.9																1 -			120	
"PRS-23" Drive																									
51+57.00	Class II Drive				7.3	17.1																		89	
"AR-1" Drive 1006+18.14	Class II Drive				12.0	27.9																		145	
1006+79.98	Class II Drive				3.6																			44	
1000 10.00					0.0	0.1																		77	
TOTAL					55	822	115,280		28,820 69,168 4,809		11,126			29,6	684		674	1,137	2,802	7	/0.2	18,570	12,915 198,226	9,978 2,987	

STAGE 3 RUCTION

12	RECOMMENDED FOR APPROVAL		N ENGINEER	DATE
	DESIGNED:	DCK	DRAWN:	ETD
	CHECKED.	<i>1. ID</i>	CHECKED.	<i>IAC</i>

	HORIZONTAL SCALE	BF	RIDGE F			
INDIANA	N/A	 				
DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNAT				
DEL ARTIMERT OF TRAITOR ORTATION	N/A	<u> </u>	0500450			
	SURVEY BOOK	PAGE	SH			
ADDDOACH TADLE DCCD	ELECTRONIC / AERIAL	AT-01	62 (
APPROACH TABLE - PCCP	CONTRACT		PROJECT			

DATE: 11:27:00 AM LOCATION: N:\Projects\25627500

	T		1			<u> </u>		n		ı	Г		- 1	AVEM	_1111	XOVI A															ТШ				
			Ш	APP	IMA FOF PROACH TYPE A	ES, APPR	HMA FO OACHES					SL	4 E	ω E 4	Eu ,	4 E 0	uu g	ı	ш	ERIALS	_	ASE,	ASE,	PE A	Щ Н	∢ _	T	G WITH HM YPE B	A, LOO	NO. 53	R BASE	Y PE IA	YPE IIA		
LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	RADII STANCE BEYOND R/W I	Ĭ	HMA	TYPE A HMA SURFACE, TYPE B	HMA INTERMEDIATE TYPE B	HMA BASE, TYPE B	QA/QC PCCP, 10.5 in.	QA/QC PCCP, 8.5 in.	9" SUBBASE FOR PCCI		A, 1, 9.5 n	SURFACE, 9.5	INTERMED., 19.0	INTERMED., 19.0 r	A, 4, 7 19.0 r A, 5, 7	INTERMEL OG19.0 mr	C/QA-HMA, 1, 19.0 mr	QC/QA-HMA, 1, 64 B, 25.0 mm	QC/QA-HMA, 25.0	QC/QA-HMA, 2, 25.0 mi	QC/QA-HMA, 4, 64 B/	HMA SURFACE, TYI	HMA INTERMEDIA TYPE A	BASE, T	HMA SURFACE, TYPE B	HMA IN A MA IN	A MATERIAL FOR TACK	PACTED AGGREGATE I	ACTED AGGREGATE FC	NO. 73 REATE TREAT	GRADE TREATMENT, T		REMARKS
					S. PERS		S. PER S	SYU.				_	405		S. PER		075	050	005	000		BS. PEF		105	075	000		PER SYD.	— Š ∑	CON	OMP,	DEPTH OS	SUB		
		FT FT	FT FT	16: TON	5 49 NS TO		385 TONS	TONS	SYS	SYS	CYS	LFT														660 TONS		275 66 ONS TOI		S TONS	Ŏ	4 IN. SYS SYS SYS SY	SYS SY	S	
Line "A"				10.	10 10	10110	10110	10110		0.10	0.0								10110		9,659				10110	10110		0110 101					010 01		
.00 to 1462+50.00	Mainline												1	4,284		10	3,942 2	0,331		\$	9,659		60,545						176	11,87	5 15,1	82 186,391			
Line "PRS-20" 40 to 32+75.00	Mainline																							143	241	592			1.3	417	61	6	2,093		
Line "PRS-22" 4 to 36+69.97	Mainline																							218	368	906			2.0	650	94	3	3,209		
Line "PRS-23" 0 to 57+14.99	Mainline																							154	260	643			1.4	509	67	2	2,312		
Line "PRS-24" 0 to 56+16.02	Mainline																							159	268	661			1.5	506	68	9	2,364		
Line "AR-1"																																			
3.69 to 1006+69.97	Mainline					207.2	483.5																										2,5	11	
Median Opening on Line "A" 1335+00.00	Mainline			14	4	1																													
"PRS-20" Drive 21+52.11	Class II Drive					6.5	15.0																										78	3	
30+39.00	Class II Drive					9.9	23.1																						_ '				12	0	
"PRS-23" Drive 51+57.00	Class II Drive					7.3	17.1																										89)	
"AR-1" Drive 1006+18.14	Class II Drive					12.0	27.9																										14	5	
1006+79.98	Class II Drive					3.6	8.4																										44	1	
							1																												
TOTAL					55		822							4,284			3,942 2	0.004			9,659		60,545	074	1 107				100	2 13,95	7 40 4	200 201	9,978 2,98		

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12	RECOMMENDED FOR APPROVAL	DESIG	N ENGINEER	DATE
	DESIGNED:	DCK	DRAWN:	ETD
	CHECKED:	1.10	CHECKED:	.110

INIDIANIA	HORIZONTAL SCALE	BRIDGE FILE			
INDIANA	N/A				
DEPARTMENT OF TRANSPORTATION	VERTICAL SCALE	DESIGNATION			
	N/A	0500450			
	SURVEY BOOK	PAGE SHEET			
ADDDOACH TADLE HAAA	ELECTRONIC / AERIAL	AT-01 63 of			
APPROACH TABLE - HMA	CONTRACT	PROJECT			
	IR-33741	0500450			